

1960 CATALOG

PETUNIA
Scarlet Lustre

For Complete List
of
PETUNIAS
See pages 17-19



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Grandiflora Petunia
BLUE LACE

**Flower and
Vegetable Seeds,
Flowering Bulbs
and Supplies**

A. H. Hummert Seed Co.

2746 - 48 Chouteau Ave.

Phone: PRospect 1-0646

ST. LOUIS 3, MISSOURI

A. H. HUMMERT SEED CO.

Catalog for 1960

DUE TO UNSETTLED CONDITIONS AT THE TIME THIS CATALOG GOES TO PRESS, PRICES ARE SUBJECT TO MARKET CHANGES.

LAWN GRASS SEED

All our Lawn Grasses are re-cleaned and tested for highest quality, purity and germination.

One pound of Lawn Seed will sow 10x30 feet; 75 to 100 pounds to the acre.

Lawn seed wanted by parcel post, add postage.

VELVET LAWN SEED

OUR FINEST LAWN MIXTURE
Composed of the Best Lawn Grasses

A balanced mixture of Selected Kentucky Bluegrass, Red Fescue, Chewings Fescue, Red Top, Highland Bent, White Dutch Clover. 3 lbs., \$2.70; 5 lbs., \$4.25; 10 lbs., \$8.50; 25 lbs., \$19.50; 100-lb. bag, 64c per lb.

ARBORETUM BLUEGRASS

Arboretum Bluegrass is a natural selection. The original plot in the Arboretum of the Missouri Botanical Gardens. Superior performance under severe conditions of drought and heat. 1-lb. bag, \$2.50; 10 lbs., \$22.50.

BENT, HIGHLAND

An excellent all-around Bent for lawns, greens, parks and playing fields; grows on wide range of soils. 1 lb., 85c; 5 lbs., \$3.75; 10 lbs., \$7.50; 25 lbs., \$17.50.

SEASIDE BENT

This is a true unmixed Creeping Bent which spreads by surface runners instead of by the underground root. 1 lb., \$1.45; 5 lbs., \$7.50; 25 lbs., \$33.75.

BERMUDA

It is of dwarf habit with long creeping stems, rooting at the joint and covering the ground with a matting of fine turf. 1 lb., 90c; 5 lbs., \$4.00; 10 lbs., \$7.50; 25 lbs., \$17.50.

BLUE GRASS, KENTUCKY (*Poa pratensis*)

Fancy extra re-cleaned. Kentucky Blue Grass is largely used for lawns and when once established, lasts indefinitely. Deep rooting. 5 lbs., \$4.25; 10 lbs., \$8.50; 25 lbs., \$19.50; 100-lb. bag, 64c per lb.

BLUE GRASS, KENTUCKY SUPREME BRAND

94 per cent pure. This seed is re-cleaned to the highest purity obtainable. 5 lbs., \$4.75; 10 lbs., \$9.50; 25 lbs., \$22.00.

MERION KENTUCKY BLUE GRASS

A new selection of blue grass of a wider blade and darker green color. Seed stock is very limited. 1 lb., \$2.75; 5 lbs., \$13.50.

CHEWINGS FESCUE

This grass is valuable on sandy soils and in shade. Chewings Fescue is a perennial with a fine blade and a spreading root system. 5 lbs., \$4.25; 10 lbs., \$8.50; 25 lbs., \$18.50; 100-lb. bag, 65c per lb.

CREEPING RED FESCUE

A variety of Fescue; superior to Chewings. This fine-leaved grass produces a bright green turf. 5 lbs., \$4.00; 10 lbs., \$8.00; 25 lbs., \$17.75; 100-lb. bag, 60c per lb.

CLOVER, WHITE or DUTCH FOR LAWNS

A low growing Clover. Very desirable for beautifying the lawn. 1 pound covers 600 sq. ft. 1/2 lb., 60c; 1 lb., \$1.10; 5 lbs., \$4.75.

GREEN TURF MIXTURE

Mixed of the best Turf Grasses, Kentucky Blue, Chewings and Red Fescue, Red Top, Bent Grass, Perennial Rye. 5 lbs., \$3.75; 25 lbs., \$17.50; 100 lbs., 55c per lb.

KEY. 31 FESCUE

Excellent for roadsides, athletic fields, airports, etc.—quite drought resistant—deep rooted, coarse for lawn purposes. 5 lbs., \$2.25; 25 lbs., \$9.25; 50 lbs., 34c per lb.

RED TOP, FANCY

Red Top is a remarkable grass accommodating itself to a variety of soils and conditions. It is strongly drought resistant. 3 lbs., \$2.25; 10 lbs., \$6.50; 25 lbs., \$14.75; 100 lbs., 48c per lb.

RYE GRASS, PERENNIAL, CERTIFIED BLUE TAG

A hardy grass for quick growth, suitable for lawns and meadows. 5 lbs., \$1.50; 10 lbs., \$3.00; 25 lbs., \$6.00; 100 lbs., \$21.00.

RYE GRASS, ANNUAL

Succeeds well on almost any soil, but is particularly adapted to moderately moist lands. 5 lbs., \$1.25; 10 lbs., \$2.50; 25 lbs., \$5.00; 100 lbs., \$16.00.

SHADY LAWN MIXTURE

Blended of species that have been proven by test to best survive shaded and adverse conditions. 5 lbs., \$4.25; 10 lbs., \$8.50; 25 lbs., \$19.50; 100 lbs., 64c per lb.

SUGGESTIONS FOR ORDERING

USE OUR ORDER SHEET. It will be of great help to us in filling your order correctly and speedily, if you will use the Order Sheet sent you with the catalog. **Please Keep a Copy of Your Order.**

NEW ACCOUNTS desiring credit, please give three trade references.

NO C.O.D. SHIPMENTS. We advise against C.O.D. orders because of delays and excessively high collection charges.

ROUTING. Please give explicit shipping directions with each order, if wanted by **Express, Truck or Freight.** If no directions are given, we will use our best judgment, but all goods travel at purchaser's risk.

Flower seeds are shipped parcel post prepaid.

ALL OTHER ITEMS ARE NOT PREPAID. Please include sufficient postage with cash orders. Postage will be billed on Charge Orders.

DISCOUNT. When check is enclosed, 2% on orders of \$5.00 or over on flower and vegetable seeds.

NO CASH DISCOUNT on Lawn Grass, Insecticides and other Supplies.

A. H. HUMMERT SEED COMPANY gives no warranty, express or implied, as to the productiveness of any seeds, bulbs or plants it sells. It is expressly agreed that the limit of liability for all claims for loss or damage due to any cause shall be in a sum no greater than the invoice price of the goods and in no case shall it be responsible for loss or damage of the crop.

POSTAGE—PLEASE NOTE!

EXPRESS RATES have been substantially INCREASED. Be sure to INCLUDE POSTAGE with CASH ORDERS for small items, in order to obtain the LOWEST TRANSPORTATION COST.

Any overpayment will be promptly refunded.

If postage is OMITTED from your order, we will assume that you . . .

—Desire Shipment Sent Express Collect.

APPROXIMATE DOMESTIC PARCEL POST RATES On Seeds, Plants, Bulbs, Roots, Books, Too's, etc., within the U. S. and Possessions.	First pound or fraction	Each additional pound or fraction
Local—St. Louis	18c	2c
First and Second Zone within 150 miles of either	23c	4c
Third Zone within 150 to 300 miles	23c	5c
Fourth Zone within 300 to 600 miles	24c	7c
Fifth Zone within 600 to 1000 miles	26c	10c

SIZE AND WEIGHT LIMITS ON PARCEL POST SHIPMENTS

Postal regulations effective January 1, 1952, limit the size of packages to 72 inches in length and girth combined, and limit the weight to 40 pounds in the first and second zones, and to 20 pounds in the third to eighth zones if your town has a first-class post office.

VEGETABLE SEEDS

Vegetable seeds, wanted by parcel post, add postage.

One of the most profitable spring crops for the greenhouse or hotbed plant is seedling vegetable plants for home gardens. We are offering vegetable seeds only in the best standard varieties for market and home garden.



USE NITRAGIN

Garden Size Packet for Inoculating PEAS, BEANS and SWEET PEAS (Will treat 8 lbs. of seed) 25c.

ASPARAGUS

Mary Washington. (Rust-proof.) Undoubtedly the finest rust-resistant variety grown. $\frac{1}{4}$ lb., \$1.00; 1 lb., \$3.25.

Asparagus Roots available during March and April. 100, \$4.00.

BEANS



Green-podded Varieties. 1 lb. will plant 150 feet.

Black Valentine Stringless. 52 days. Accepted by shippers and market gardeners.

Stringless Green Pod. 50 days. Excellent for shipping, canning and deep freeze.

Topcrop. 52 days. Immune to Bean mosaic, and therefore outyields most others. Pods are 6 inches long.

Above Varieties: Pkt., 20c; $\frac{1}{2}$ lb., 35c; 1 lb., 65c; 5 lbs., \$2.75; 10 lbs., \$5.50; 25 lbs., \$12.00; 100 lbs., 38c per lb.

BUSH WAX BEANS

Pencil Pod Wax. 52 days. The pods average 5 to 6 inches in length, a round-podded wax variety.

Round Pod Kidney Wax. A leader and standard in the wax pods as a canning variety. Has supreme quality.

Top Notch Golden Wax. 52 days. A superior type to the old Improved Golden Wax. Very productive.

Above Varieties:

Large pkt., 20c; $\frac{1}{2}$ lb., 35c; 1 lb., 65c; 5 lbs., \$3.00; 10 lbs., \$6.00; 25 lbs., \$13.75; 50 lbs., 50c per lb.

BUSH LIMA BEANS

Burpee's Improved Bush Lima. 80 days. Grows 10 to 30 inches; handsome large pods. Pkt., 20c; $\frac{1}{2}$ lb., 35c; 1 lb., 70c; 5 lbs., \$3.25; 10 lbs., \$6.50.

Fordhook Bush. 75 days. The outstanding variety for home and market, producing a very heavy crop of large fat pods. Pkt., 20c; $\frac{1}{2}$ lb., 35c; 1 lb., 65c; 5 lbs., \$3.00; 10 lbs., \$6.00; 25 lbs., \$13.75.

Henderson's Bush Lima. 74 days. Produces enormous crops. Small seeded—sure to produce under any conditions. Pkt., 20c; $\frac{1}{2}$ lb., 30c; 1 lb., 55c; 5 lbs., \$2.50; 10 lbs., \$5.00; 25 lbs., \$11.25.

POLE LIMA BEANS

King of the Garden. 84 days. One of the best pole Limas, large leaved, good climber. Pods about $4\frac{1}{2}$ to $5\frac{1}{2}$ inches long. Large pkt., 20c; $\frac{1}{2}$ lb., 35c; 1 lb., 70c; 5 lbs., \$3.25; 10 lbs., \$6.50.

POLE BEANS—Green Podded

Kentucky Wonder, Old Homestead. 65 days. Uncel- lered for home and market garden. Large pkt., 20c; $\frac{1}{2}$ lb., 35c; 1 lb., 65c; 5 lbs., \$3.00; 10 lbs., \$6.00.

Blue Lake Stringless. Early maturing, green-podded, white-seeded. Pods are 6 inches long. Excellent for shipping and canning. Pkt., 20c; $\frac{1}{2}$ lb., 40c; 1 lb., 75c; 5 lbs., \$3.50; 10 lbs., \$7.00; 25 lbs., \$15.50.



BEETS

1 oz. will sow 50 ft. 6-8 lbs. per acre.

Sow seeds as early in the spring as the ground can be worked. For a continuous supply make repeated sowings 3 to 4 weeks apart. Sow seed in rows $1\frac{1}{2}$ to 2 ft. apart, cover with $\frac{1}{2}$ in. of fine soil.

Early Wonder. 50 days. Earliest and best for early market or home garden. Tops short, flesh dark red. Pkt., 15c; oz., 25c; $\frac{1}{4}$ lb., 75c; 1 lb., \$1.75; 5 lbs., \$1.50 per lb.

Detroit Dark Red Selected. 55 days. The best all-purpose Beet. Superb quality, good keeper and should be used for main crop for home or market. Pkt., 15c; oz., 25c; $\frac{1}{4}$ lb., 75c; 1 lb., \$1.75; 5 lbs., \$1.50 per lb.

CHARD, SWISS

Chard Lucullus. 60 days. The most commonly grown. A fine home variety satisfactory also for market use. Pkt., 15c; oz., 25c; $\frac{1}{4}$ lb., 75c; 1 lb., \$1.50.

BEET, MANGEL

Used largely for winter feeding of your stock.

Mammoth Long Red. $\frac{1}{4}$ lb., 40c; 1 lb., \$1.25; 5 lbs., \$1.10 per lb.

BROCCOLI

(Ounce will produce about 3000 plants)

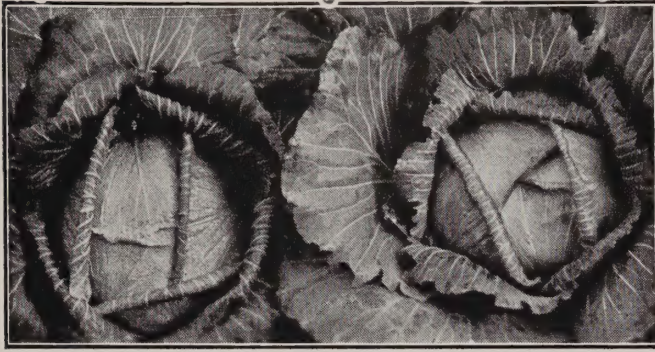
De Cicco. 60 days. Earliest to mature. None better for shippers, home or market. Pkt., 15c; $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; 1 lb., \$4.50.

BRUSSELS SPROUTS

(Ounce will produce about 3000 plants)

Long Island Improved. 90 days. Fine for home or market. Commonly grown as fall, winter or early spring crop. Pkt., 15c; $\frac{1}{2}$ oz., 25c; oz., 45c; $\frac{1}{4}$ lb., \$1.50.

Vegetable seeds, wanted by parcel post, add postage.



CABBAGE

An ounce will produce about 3000 plants.

Grow Cabbage plants in Tekpak Containers and Plant Bands for early spring sales.

For earliest crop, start seed in hotbed; for medium early Cabbage, seed may be sown in a cold frame or open-ground seedbed in early spring. Sow late Cabbage for winter use in a seedbed outdoors when soil has become thoroughly warm.

CABBAGE—Early Heading

Copenhagen Market. (Select.) 66 days. A very choice strain. Medium-sized heads; compact, good yielder. $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; 1 lb., \$4.50.

Charleston Wakefield. 70 days. Large, heart-shaped, average weight 4 to 5 lbs. For home and market garden. $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; 1 lb., \$4.50.

Early Dwarf Flat Dutch. 65 days. Heads nearly round, firm, fine flavor and high quality. $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; 1 lb., \$4.50.

Early Jersey Wakefield. Pointed heads. 62 days. Extremely early variety, very valuable for home and market garden. $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; 1 lb., \$4.50.

Golden Acre. (Select.) 64 days. Round head, short stem. Uniform, firm, especially valuable for early market and shipping. $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; 1 lb., \$4.50.

CABBAGE—Second Early—Late

All Season. 80 days. Of the flat Dutch type and a first class main crop. The heads are very large and solid. $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; 1 lb., \$4.50.

Marion Market. (Yellows Resistant.) 85 days. This was originally bred up from Copenhagen Market. It takes about 20 days longer to mature. $\frac{1}{2}$ oz., 30c; oz., 50c; $\frac{1}{4}$ lb., \$1.50; 1 lb., \$5.50.

Premium Late Flat Dutch. 90 days. Good keeper, firm heads of good quality. Dependable. $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; 1 lb., \$4.50.

SAVOY and RED CABBAGE

Dark Red. 90 days. Best red variety. Good keeper, round hard head. $\frac{1}{2}$ oz., 30c; oz., 50c; $\frac{1}{4}$ lb., \$1.50.

Savoy Chieftain. 90 days. Best of the Savoy or crinkled leaved sorts. A splendid keeper. $\frac{1}{2}$ oz., 30c; oz., 50c; $\frac{1}{4}$ lb., \$1.50.

CHINESE CABBAGE

Chinese or Celery Cabbage

Michihli. 70 days. This is a sure heading, vigorous growing Lettuce variety with erect, cylindrical pointed heads 18 to 20 inches long. $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.00; 1 lb., \$3.50.

COLLARDS

Georgia or Southern. A variety of Cabbage that does not form a head, but produces a mass of leaves. Very hardy. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; 1 lb., \$2.50.

CAULIFLOWER

Packet will produce 200 plants; ounce 2000 plants.

Super Snowball. Finest quality. 65 days. Well adapted for use under a wide range of conditions. Heads large, firm and pure white, and well protected by inner leaves. Pkt., 25c; $\frac{1}{4}$ oz., 65c; $\frac{1}{2}$ oz., \$1.15; oz., \$2.00; $\frac{1}{4}$ lb., \$7.00.

Early Snowball. 54 days. Unquestionably the earliest maturing strain of short leaf type of Cauliflower. It is well adapted for forcing or winter use for early crop and is one of the most popular. Pkt., 25c; $\frac{1}{4}$ oz., 65c; $\frac{1}{2}$ oz., \$1.15; oz., \$2.00; $\frac{1}{4}$ lb., \$7.00.



CANTALOUPE

Muskmelon

1 oz. plants 50 hills; 2 lbs. to 1 acre.

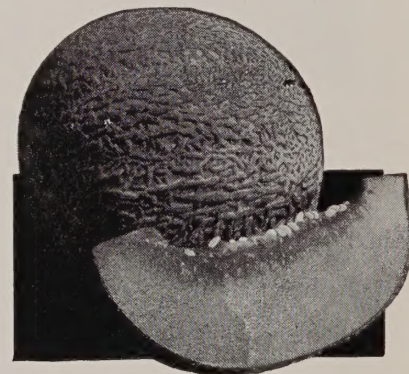
Plant in May for early crop; in June for late crop.

Hale's Best. 85 days. The most popular and leading Cantaloupe with large shippers and growers. Early and uniform, fine for home gardens. Fine-textured fruit borne on productive vines. Flesh thick, deep salmon color, of high quality. Pkt., 15c; oz., 25c; $\frac{1}{4}$ lb., 85c; 1 lb., \$2.75; 5 lbs., \$2.50 per lb.

Pride of Wisconsin. Early Melon with unusually thick, pink flesh of excellent quality. The outside skin is pearl-gray, covered with heavy, open netting. Pkt., 15c; oz., 25c; $\frac{1}{4}$ lb., 85c; 1 lb., \$2.75; 5 lbs., \$2.50 per lb.



Chantenay Carrot



Hale's Best Melons

CARROTS

1 oz. will sow 100 feet of row.

Sow in March and April, in drills 1 inch deep and 14 inches apart; thin out to 2 inches. For main crop sow in May or beginning of June. A rich, mellow, deeply worked soil gives the finest Carrots.

Chantenay. 70 days. A half-long, stump-rooted variety of dark orange color. A heavy cropper. Desirable for table use. Pkt., 15c; oz., 30c; $\frac{1}{4}$ lb., 85c; 1 lb., \$2.50; 5 lbs., \$2.25 per lb.

Chantenay Red Core. 70 days. Roots $4\frac{1}{2}$ to 5 inches long, $2\frac{1}{4}$ inches thick, tapering to a blunt point. Skin deep orange and interior same with distinct red core. Better for canning than bunching. Pkt., 15c; oz., 30c; $\frac{1}{4}$ lb., 85c; 1 lb., \$2.50; 5 lbs., \$2.25 per lb.

Danvers Half Long. 75 days. Well known main-crop or late Carrot of great uniformity. The deep orange-red roots are 7 to $7\frac{1}{2}$ in. long and 2 to $2\frac{1}{2}$ in. in diameter, tapering gradually toward the blunt end. Pkt., 15c; oz., 30c; $\frac{1}{4}$ lb., 85c; 1 lb., \$2.50; 5 lbs., \$2.25 per lb.

Vegetable Seeds wanted by parcel post, add postage.

CELERY

1 oz. will produce 5000 plants.

Giant Pascal. 120 days. The standard late, green Celery of excellent quality. Pkt., 20c; ½ oz., 50c; oz., 90c; ¼ lb., \$3.25.

Golden Self Blanching. Select. 85 days. Early and very desirable for home and market garden. Pkt., 20c; ½ oz., 50c; oz., 90c; ¼ lb., \$3.25.

CELERIAC (Turnip-rooted Celery)

Celeriac, Turnip-rooted. 120 days. Pkt., 15c; ½ oz., 45c; oz., 75c; ¼ lb., \$2.50.

CORN SALAD

Large Leaved. Sometimes called Lamb's Lettuce. An extremely hardy type plant that forms rosettes of tender leaves which are used as a substitute for Lettuce and mixing with salads. Pkt., 15c; oz., 35c; ¼ lb., \$1.25; 1 lb., \$4.00.

SWEET CORN

1 pkt. plants 40 hills; 1 lb. 250 hills; 15 lbs. to acre.

Golden Cross Hybrid. 85 days. Bred for wilt resistance, high yield and superlative quality. Grows 7 to 8 ft. high. Fine ears with 10 to 14 rows of light golden kernels. Pkt., 20c; ½ lb., 40c; lb., 75c; 5 lbs., \$3.50; 10 lbs., \$7.00; 25 lbs., \$15.00. 100 lbs., 54c per lb.

Cornelia's Gold Rush Hybrid. First early, golden yellow hybrid. Stalks 6 ft. tall, produces an average of 2 ears per stalk, ears 8½ in. long, 12 to 14 rows slightly tapered, well filled to tip. Pkt., 20c; ½ lb., 40c; lb., 75c; 5 lbs., \$3.50; 10 lbs., \$7.00.

Evergreen Hybrid. 86 days. An excellent hybrid of the Stowell's Evergreen type, noted for its uniformity and increased yield. Pkt., 20c; ½ lb., 45c; lb., 80c; 5 lbs., \$3.75; 10 lbs., \$7.50; 25 lbs., 60c per lb.

Country Gentleman Hybrid. About 95 days. The grain is small, and crowded together on the cob, instead of forming in defined rows. Deliciously tender and sweet. Pkt., 20c; ½ lb., 50c; lb., 95c; 5 lbs., \$4.50; 10 lbs., \$9.00.

HYBRID POP CORN

Purdue Yellow Hulled. Pkt., 15c; ½ lb., 35c; 1 lb., 65c; 5 lbs., \$2.75.

EGGPLANT

Sow seed in hotbeds early in spring and transplant to the open after all danger of frost is over, 2 feet each way; cultivate frequently.

Black Beauty. 80 days. It is oval in shape, uniformly the darkest in color. Perfectly spineless and smooth. Pkt., 15c; ½ oz., 35c; oz., 60c; ¼ lb., \$2.00.

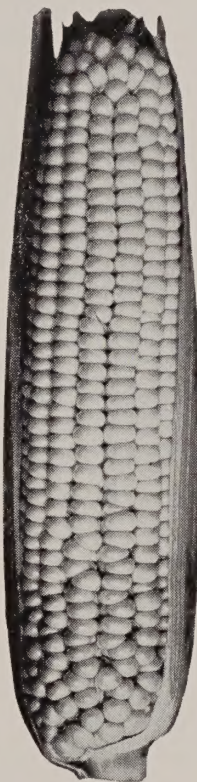
ENDIVE

1 oz. of seed for 50 ft. of row.

It may be grown at any season but is more generally planted for fall.

Broad-Leaved White or Escarolle. 92 days. A distinctly improved form of Broad-Leaved Endive. Plant medium large with deep, full, well blanched heart of infolded broad leaves. Pkt., 15c; oz., 25c; ¼ lb., 90c.

Green Curled. 95 days. The leaves of this variety are finely divided, giving a mossy appearance. Pkt., 15c; oz., 25c; ¼ lb., 90c.



CUCUMBERS

Do not plant Cucumbers until danger of frost has passed. ½ oz. to 25 hills; 2 lbs. to 1 acre.

A & C (Colorado). 68 days. A beautiful, long, slender, dark green cucumber of excellent shape and intense dark color. Fruit is inclined to taper at stem end. Pkt., 15c; oz., 30c; ¼ lb., 75c; 1 lb., \$2.75.

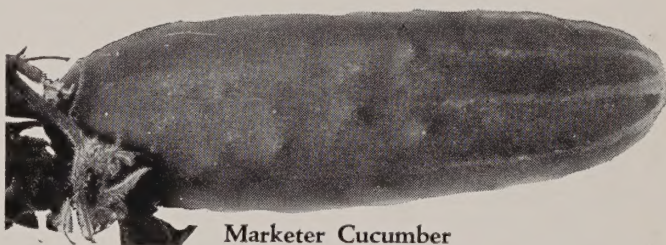
Burpee Hybrid. Its remarkably high resistance to disease makes it an excellent variety where downy mildew and mosaic are a problem. Vines are vigorous. Pkt., 30c; ¼ oz., \$1.00; ½ oz., \$1.75; oz., \$3.00; ¼ lb., \$11.25.

Long Green Improved. 70 days. The fruits are very long, often 12 to 15 inches when mature, yellow when ripe. Pkt., 15c; oz., 25c; ¼ lb., 90c; 1 lb., \$2.75.

Marketer. Dark green, cylindrical fruits, 8 in. long, tapering at ends. The thick white flesh is crisp, firm and delicious. Vigorous grower and prolific cropper. Pkt., 15c; oz., 35c; ¼ lb., \$1.00; 1 lb., \$3.50; 5 lbs., \$3.25 per lb.

Straight Eight. 64 days. This White Spine variety typifies its name, running quite straight, regularly 8 inches long and 2 inches in diameter. Color dark green. Pkt., 15c; oz., 30c; ¼ lb., 90c; 1 lb., \$2.75; 5 lbs., \$2.50 per lb.

Snow's Perfection Pickling. 60 days. Is grown almost exclusively for pickling and is ideal for that purpose. It produces fruits of pickling size in 47 to 50 days. Pkt., 10c; oz., 30c; ¼ lb., 90c; 1 lb., \$2.50.



Marketer Cucumber

HERB SEEDS

Every kitchen garden should have some of the popular herbs:

Anise	Basil, Sweet	Borage	Catnip	Coriander
Caraway	Dill	Sweet Fennel	Summer Savory	
		Chervil		

Prices above 9 each: Tr. pkt., 15c; 1 oz., 60c.

Sweet Marjoram Sage

Prices above 2, each: Tr. pkt., 20c; ½ oz., 60c.

Chives Thyme Rosemary

Prices above 3, each: Tr. pkt., 20c; ¼ oz., 40c; ½ oz., 75c.

KALE

Siberian. 40 days. Very hardy and improved by moderate frost. Sow in May or June. Makes excellent greens, tender and fine flavor. Oz., 25c; ¼ lb., 90c; 1 lb., \$2.50.

Dwarf Green Curled Scotch. 55 days. Oz., 25c; ¼ lb., 90c; 1 lb., \$2.50.

KOHLRABI

1 oz. of seed will produce 3000 plants.

For early use sow in hotbeds and transplant. Out-of-doors sow in open ground the first part of April in rows 18 inches apart; thin out.

Earliest White Vienna. 55 days. Greenish white outside, with clear white flesh within, fine quality. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00; 1 lb., \$3.50.

LEEK

The long, thick, blanched neck is desirable for soups. **Large London Flag.** Pkt., 20c; ½ oz., 35c; oz., 60c; ¼ lb., \$2.00.

Vegetable seeds, wanted by parcel post, add postage.

LETTUCE

1 oz. will produce 4000 plants.

Lettuce seed should be sown very early in the spring and at intervals of 15 days for a succession; sow the seed in shallow drills, being careful to firm the soil over the seed and thin to 4 inches in row.



Great Lakes

LETTUCE—Leaf or Loosehead

Early Curled Simpson. 45 days. The standard loose-headed variety. Earlier than the heading sorts. Pkt., 15c; oz., 30c; $\frac{1}{4}$ lb., \$1.00; 1 lb., \$2.75.

Black-Seeded Simpson. 45 days. Easily grown, especially recommended for spring and early summer use. The leaves are large, yellowish green, fringed and crumpled. The inner leaves are almost white. Pkt., 15c; oz., 30c; $\frac{1}{4}$ lb., \$1.00; 1 lb., \$2.75.

Grand Rapids. 45 days. Especially adapted for early family use. A loose-headed Lettuce of pleasing appearance and remarkable table merit. Pkt., 15c; oz., 30c; $\frac{1}{4}$ lb., \$1.00; 1 lb., \$2.75.

Prize Head. 40 days. Forms a very large loose head, slightly tinged brown. Pkt., 15c; oz., 30c; $\frac{1}{4}$ lb., \$1.00.

Salad Bowl Lettuce. Salad Bowl is well named. A head fills a salad bowl with a perfect rosette of rich green and very decorative leaves. It is a loose-leaf variety. Pkt., 15c; $\frac{1}{2}$ oz., 25c; oz., 45c; $\frac{1}{4}$ lb., \$1.50.

HEADING VARIETIES

Big Boston. 70 days. Especially valuable for summer and fall use out-of-doors. It is a butter-head type with glossy leaves tinged brown. Pkt., 15c; oz., 30c; $\frac{1}{4}$ lb., \$1.00; 1 lb., \$2.75.

Bibb Lettuce. A loose waxy head variety with very deep green outer leaves, bleaching to a rich yellowish green inside. Heads medium size, unusually crisp and tender, and of a distinct flavor. Pkt., 15c; $\frac{1}{2}$ oz., 25c; 1 oz., 40c; $\frac{1}{4}$ lb., \$1.25; 1 lb., \$3.50.

Great Lakes. 75 days. Bred to make tight heads in hot weather. Pkt., 15c; $\frac{1}{2}$ oz., 25c; oz., 45c; $\frac{1}{4}$ lb., \$1.50; 1 lb., \$5.00; 5 lbs., \$4.75 per lb.

Oakleaf. Noted for its ability to withstand hot weather without turning bitter. Leaves are smooth and lobed to resemble the leaf of an Oak tree, deep green and tender. Pkt., 15c; $\frac{1}{2}$ oz., 25c; oz., 45c; $\frac{1}{4}$ lb., \$1.50.

Romaine or Paris White Cos. 65 days. Compact heads, well blanched, excellent for salads. Pkt., 15c; oz., 35c; $\frac{1}{4}$ lb., \$1.25; 1 lb., \$3.50.

MUSKMELON. See Cantaloupe, page 2.

MUSTARD

1 oz. will sow 40 ft.

Mustard greens are as healthful and nourishing as Spinach.

Chinese Broad-Leaved. The leaves are broad, smooth and often 12 inches long. Color deep green. Oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.00.

Southern Giant Curled (Long Standing). 30 days. The leaves of this variety are closely curled and finely fringed. A little slower growing than the frilled varieties but longer standing. 1 oz., 15c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.00; 5 lbs., \$4.75.



Mustard, Southern Giant Curled

OKRA or GUMBO

Okra pods are used in soups, stews, catsup and other relishes. They are at their best when 1 to 3 inches long.

Dwarf Green Prolific. 65 days. Low, stocky and productive, with long pods. Oz., 25c; $\frac{1}{4}$ lb., 65c; 1 lb., \$1.50.

ONION

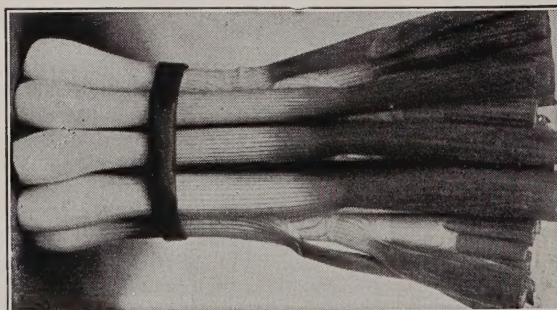
1 oz. will sow 100 ft. of row.

One of the most nutritious and healthful of vegetables.

Southport White Globe. 110 days. Very large, handsome and productive. The best white variety. Pkt., 15c; $\frac{1}{2}$ oz., 25c; oz., 45c; $\frac{1}{4}$ lb., \$1.25; 1 lb., \$4.50.

Sweet Spanish (Utah Strain.) 110 days. A sweet Onion of enormous size, nearly globular in form, resembling Prizetaker but much larger. Golden yellow skin; flesh white and very mild. An exhibition sort that is more resistant to Onion thrip than other varieties. Pkt., 15c; $\frac{1}{2}$ oz., 25c; oz., 45c; $\frac{1}{4}$ lb., \$1.50; 1 lb., \$5.50; 5 lbs., \$5.00 per lb.

White Portugal or Silver Skin. A standard sort; mild flavored and a good keeper. Used for bunching and pickles. Pkt., 15c; $\frac{1}{2}$ oz., 25c; oz., 45c; $\frac{1}{4}$ lb., \$1.25; 1 lb., \$4.50; 5 lbs., \$4.00 per lb.



White Lisbon. A bunching variety, grown for its very long, pure white stems; long standing, tender and of delicate flavor. Pkt., 15c; $\frac{1}{2}$ oz., 25c; oz., 45c; $\frac{1}{4}$ lb., \$1.50; 1 lb., \$4.75; 5 lbs., \$4.50 per lb.

Vegetable seeds, wanted by parcel post, add postage.

PARSLEY

1 oz. sows 150 ft. of drill.

Double Curled. The best green curled. Pkt., 15c; oz., 30c; ¼ lb., 85c; 1 lb., \$2.75.

Hamburg Edible Rooted. 90 days. Forms a short thick Parsnip-like root used in flavoring soups, etc. Leaves are also useful. Pkt., 15c; oz., 30c; ¼ lb., 85c.

PEAS

1 lb. is enough for 100 ft. of row.



Alaska-Ameer Mammoth Pod. The seed being smooth, it can be planted as early as any of the extra earlies. It is very prolific; pods of a rich dark green color. Vine about 30 inches high. Matures in about 56 days. Pkt., 15c; ½ lb., 30c; 1 lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.00.

Laxton's Progress. 62 days. The earliest of the large-podded dwarf Peas. Pods

4½ inches long, containing 7 to 9 dark green Peas. 18 inches tall. Best for deep freezing. Pkt., 15c; ½ lb., 30c; 1 lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.00; 50 lbs., 35c per lb.

Little Marvel. 63 days. A leading variety of wrinkle-seeded. Grows 18 inches high. Pods average 3 inches, well filled with 7 or 8 large, deep green Peas. Pkt., 15c; ½ lb., 30c; 1 lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.00.

PEPPER

1 oz. will produce 3000 plants.

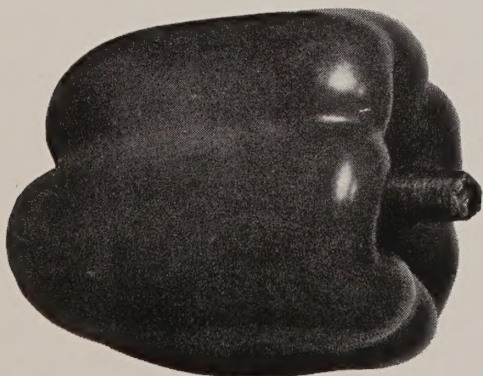
Seed should be sown in a hotbed or in a shallow box in a warm place in the house, allowing 8 to 10 weeks to produce plants large enough to set outdoors.

Bell or Bull Nose. 65 days. An early sweet Pepper. Large, bright red, thick flesh. Pkt., 15c; ½ oz., 35c; 1 oz., 60c; ¼ lb., \$1.75; 1 lb., \$6.00.

California Wonder. 74 days. The standard of perfection among sweet Peppers, and the most popular sort. Excellent for all purposes. Pkt., 15c; ½ oz., 35c; 1 oz., 65c; ¼ lb., \$2.25; 1 lb., \$7.00.

Chinese Giant. 80 days. The giant among Peppers. Attractive. Size and mild flavor. Pkt., 15c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.50.

Hungarian Wax. 60 days. Important canning variety, early, hardy, prolific. Bears pendent and upright yellow hot fruits. Pkt., 15c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.50; 1 lb., \$8.00.



California Wonder

PARSNIP

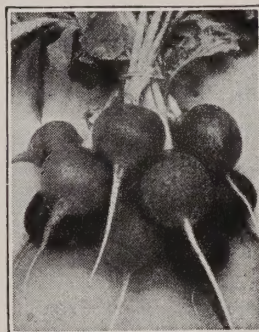
1 oz. for 100-ft. row, 5 lbs. per acre.

General culture for Parsnips is the same as for Beets. **Hollow Crown.** 95 days. This is the most popular and best variety in cultivation. The skin is smooth and the flesh tender. Pkt., 15c; oz., 25c; ¼ lb., 75c; 1 lb., \$2.00.

RADISHES

1 oz. will sow 100 ft. of row.

Cherry Belle. 23 days. Round, red and very crisp. Oz., 15c; ¼ lb., 50c; 1 lb., \$1.50.



Crimson Giant. 30 days. Roots scarlet, spherical. Largest early Radish which remains crisp. Oz., 15c; ¼ lb., 50c; 1 lb., \$1.25.

Icicle. 35 days. A magnificent white variety. Grows 3½ to 4 inches long. Oz., 15c; ¼ lb., 50c; 1 lb., \$1.25; 5 lbs., \$5.25.

Scarlet Turnip White Tipped or Sparkler. Something extra fine. 23 days. The lower half is white, the upper half bright scar-

let. Oz., 15c; ¼ lb., 50c; 1 lb., \$1.25; 5 lbs., \$5.25.

Scarlet Globe. (Selected Stock.) 23 days. The interior of the root is pure white, mild, crisp and fine grained. Recommended for market garden or forcing. Oz., 15c; ¼ lb., 50c; 1 lb., \$1.25; 5 lbs., \$5.25.

WINTER RADISHES

Rose-Colored China. Extremely solid and a most excellent keeping variety. Oz., 15c; ¼ lb., 50c; 1 lb., \$1.75.

California White Mammoth. The best white Radish for late fall planting. Oz., 15c; ¼ lb., 50c; 1 lb., \$1.75.

Grow some Pepper plants in Tekpak Containers and Plant Bands for early spring sales.

Pimiento. 73 days. The shape is distinctly conical, medium size. Color, when young, is a glossy green turning ruby-red when ripe. Pkt., 15c; ½ oz., 35c; 1 oz., 60c; ¼ lb., \$2.00; 1 lb., \$7.00.

Sweet Yellow or Banana. 60 days. Probably the largest, earliest and sweetest of all yellow Peppers. It is Banana-shaped, averaging about 6 inches in length and 2 inches in diameter. Light yellow in color. Pkt., 15c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.50; 1 lb., \$8.00.

Yolo Wonder. New improved California Wonder type. Disease resistant and a dependable cropper. Plants are dwarf and spreading, with pendent fruits easy to pick. Pkt., 15c; ½ oz., 35c; 1 oz., 65c; ¼ lb., \$2.00; 1 lb., \$7.00.

PEPPER—HOT—SMALL FRUIT

Long Red Cayenne. 70 days. Very hot, deep red fruits. 4½ to 5 inches long. Excellent for pickling, drying or canning. Pkt., 15c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.50.

Red Chili. Bright red when ripe and are very hot or pungent. Used extensively for Pepper sauces, pickling and drying. 2½ inches long, ⅜ inch in diameter. Pkt., 15c; ½ oz., 40c; 1 oz., 75c; ¼ lb., \$2.50.

Vegetable seeds, wanted by parcel post, add postage.

PUMPKINS

Ounce will make about 20 hills; 2 lbs. an acre.

Kentucky Field. 100 days. Standard large Pumpkin for canning and for stock feed. Oz., 25c; $\frac{1}{4}$ lb., 75c; 1 lb., \$2.25.

Small Sugar. 100 days. Round, slightly ribbed fruits of medium size, about 7 in. in diameter. Best Pumpkin for general use; good keepers. Oz., 25c; $\frac{1}{4}$ lb., 75c; 1 lb., \$2.25.

RHUBARB or PIE PLANT

Myatt's Victoria. A splendid early sort. Stalks are large, very thick, of rich red color, and almost stringless. Oz., 35c; $\frac{1}{4}$ lb., \$1.00; 1 lb., \$3.50.

Rhubarb Roots Available in March.
Strong Roots, each 20c; doz., \$2.25.

SALSIFY

Often called "Oyster Plant" and is easily grown.

Mammoth Sandwich Island. This variety is uniform in growth. The roots are of superior quality and most delicate flavor. $\frac{1}{2}$ oz., 25c; 1 oz., 40c; $\frac{1}{4}$ lb., \$1.25; 1 lb., \$4.25.



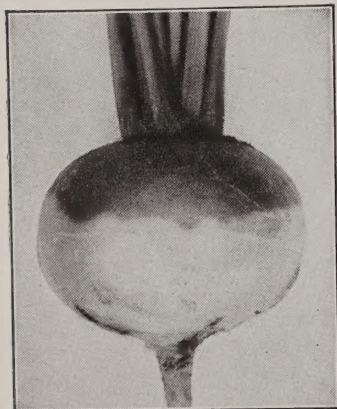
SPINACH

Sow early in spring. Spinach is high on the list of health-giving and body-building vegetables. Grow more and eat more. It is essentially a spring and autumn crop.

Bloodsdales Long Standing. 45 days. An outstanding strain of the Savoy Leaved Spinach. Much in demand for home and market gardens. It is slow to run to seed. Oz., 15c; $\frac{1}{4}$ lb., 35c; 1 lb., 85c; 10 lbs., \$6.50; 25 lbs., 55c per lb.

RUTABAGAS

American Purple Top. A hardy productive variety; roots are large, globular in form, with a very small tap root; color, bright yellow with a purple top. Oz., 15c; $\frac{1}{4}$ lb., 45c; 1 lb., \$1.25.



Purple Top White Globe

greens. Oz., 15c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.00.

TURNIPS

Ounce will sow
300 ft. of row.

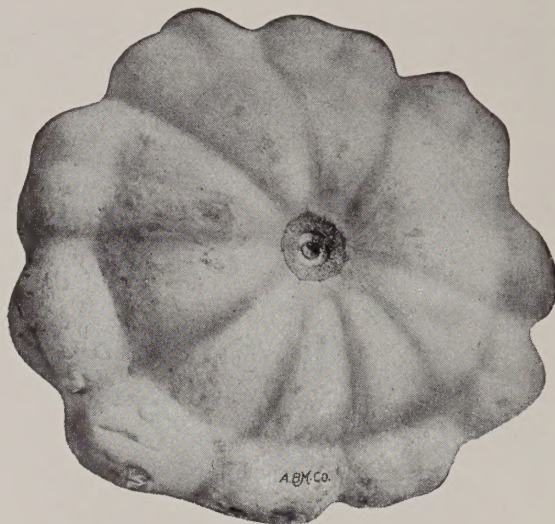
Purple Top White Globe. Roots globular. Smooth; bright purplish red above, white below. Flesh white, firm, fine grained and tender. Oz., 15c; $\frac{1}{4}$ lb., 35c; 1 lb., 90c; 10 lbs., \$8.50.

Seven Top, for Turnip Greens. A foliage Turnip for table and forage use. Crown sends up numerous leafy shoots which are excellent for

SQUASH

1 oz. will plant 20 hills; 2 lbs. an acre.

Do not plant until all danger of frost is over.



Mammoth White Bush

Acorn or Table Queen. 60 days. A unique winter Squash. Just the right size to cut in half (when it will bake in 20 minutes) and serve individually. Pkt., 15c; oz., 25c; $\frac{1}{4}$ lb., 85c; 1 lb., \$2.75.

Butternut. A winter variety of fine edible quality and good production. Excellent for pies, boiling or baking. Turban-shaped fruits 6 to 8 inches in diameter, slightly ribbed, deep dull green faintly striped. $\frac{1}{2}$ oz., 20c; oz., 30c; $\frac{1}{4}$ lb., 90c; 1 lb., \$3.00.

Early Prolific Straightneck Yellow. 50 days. Considered the most valuable and promising of all summer Squash. Pkt., 15c; oz., 25c; $\frac{1}{4}$ lb., 85c; 1 lb., \$2.75.

Gray Zucchini. 60 days. When matured it is 18 inches long, 5 to 7 inches in diameter and an excellent keeper, very dark green. A bush type and very productive. There is nothing better for slicing and frying when small. Pkt., 15c; oz., 25c; $\frac{1}{4}$ lb., 85c; 1 lb., \$2.75.

Mammoth White Bush. 54 days. Creamy white and scalloped around the edges; flesh is milk-white and of delicious flavor. Widely used for stewing or broiling. Pkt., 15c; oz., 25c; $\frac{1}{4}$ lb., 85c; 1 lb., \$2.75.

Warted Hubbard. 110 days. Warted Hubbard Squash has been bred to the highest quality; fruits are large; skin rough, dark green; flesh bright orange, fine grained. Pkt., 15c; oz., 30c; $\frac{1}{4}$ lb., 90c; 1 lb., \$3.00.

WATERMELON

1 oz. for 20 hills; 3 to 4 pounds per acre.

New Hampshire Midget. Extra early 6 in. diameter fruits.

Black Diamond. 95 days. Fruits very large, dark green, nearly round, flesh bright red, crisp and sweet. This is the most popular variety.

Kleckley's Sweet. 95 days. This is considered the sweetest of the large Melons. Particularly adapted for home garden.

Stone Mountain (or Dixie Belle). 110 days. Rich dark green in color with scarlet flesh that is exceptionally sweet.

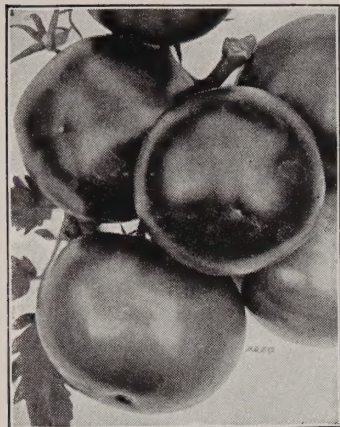
Tom Watson. 110 days. The rind is dark blue-green; the flesh is deep red and very sweet.

Above 5 varieties: Pkt., 15c; oz., 30c; $\frac{1}{4}$ lb., 85c; 1 lb., \$2.75.

TOMATOES

1 oz. will produce about 2000 plants.

Tomatoes should be in every garden. It is quite simple to grow your own plants. Sow the seed in hotbed, or in a shallow box in the house, allowing 6 to 8 weeks to produce plants large enough for setting outdoors when weather becomes warm.



Bonny Best, Certified. 73 days. One of most prolific of the early Tomatoes. Medium size, solid, bright red. Pkt., 15c; ½ oz., 35c; oz., 65c; ¼ lb., \$2.25; 1 lb., \$7.50.

Break O' Day. 74 days. Wilt resistant. Vines vigorous and very productive. An early scarlet fruited variety. Medium to large size and globe-shaped. Pkt., 15c; ½ oz., 35c; oz., 60c; ¼ lb., \$2.00; 1 lb., \$7.00.

Crimson Cushion or Beefsteak. 98 days. Late, red, very large. Pkt., 15c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.50.

Earliana, Certified. 65 days. Very early—particularly valuable for home and early market garden. Medium size, deep scarlet. Pkt., 15c; ½ oz., 35c; oz., 65c; ¼ lb., \$2.25; 1 lb., \$7.50.

Firesteel. 62 days. A small vine, large fruited Tomato that is early, smooth, red through, of semi-acid flavor. For dry seasons there is nothing equal to it. Pkt., 15c; ½ oz., 35c; oz., 60c; ¼ lb., \$2.00.

Greater Baltimore, Certified. 82 days. The leading canning and juice Tomato. Noted for its deep red color throughout, ripens evenly over entire surface. Pkt., 15c; ½ oz., 35c; oz., 60c; ¼ lb., \$2.00; 1 lb., \$7.00.

Grothen's Globe, Certified. 80 days. A much improved type over Break O' Day. It is wilt resistant, produces large, deep fruits of full red color. Pkt., 15c; ½ oz., 35c; oz., 60c; ¼ lb., \$2.00; 1 lb., \$7.00.

Gulf State Market (Pink). 75 days. An excellent shipping variety, also fine for market use. Has particularly heavy skin that is not inclined toward cracking. Our strain is unexcelled. ½ oz., 35c; oz., 65c; ¼ lb., \$2.25; 1 lb., \$8.00.

Henderson's Winsall. 85 days. Is very meaty, the entire fruit being edible, tender and delicious. Color bright pinkish red. Pkt., 25c; ¼ oz., \$1.00; ½ oz., \$2.00; oz., \$3.50; ¼ lb., \$12.00.

Jubilee. 85 days. A new and truly different sort. Orange-yellow in color, it is attractive for salads and juice. Especially recommended for the home garden. Pkt., 15c; ½ oz., 35c; oz., 60c; ¼ lb., \$2.00.

Livingston's Globe. 80 days. A large, purplish pink, globe-shaped or very nearly round Tomato of excellent quality. Pkt., 15c; ½ oz., 35c; oz., 60c; ¼ lb., \$2.00; 1 lb., \$7.00.

Marglobe, Certified. 75 days. Of fine appearance, and great productiveness. In color it is a most beautiful scarlet, ripening well up to the stem. The "Marglobe" has proven resistant to wilt. Pkt., 15c; ½ oz., 35c; oz., 60c; ¼ lb., \$2.00; 1 lb., \$7.00; 5 lbs., \$6.75 per lb.

Marhio. 75 days. A wilt resistant pink Marglobe. A popular variety for greenhouse forcing, market and home gardening use. Pkt., 15c; ½ oz., 45c; oz., 75c; ¼ lb., \$2.75.

Grow plants in Tekpak Containers and Plant Bands for early spring sales.

Hybrid Tomatoes

Burpee's Big Early F₁ Hybrid. 63 days. Burpee's newest true first generation F₁ Hybrid. A second-early hybrid with fruits of main crop size. This is the largest fruited of our early hybrids and has averaged over 7.6 ozs. for the entire season with some fruits up to 1 lb. The fruits are oblate to globular. Pkt., 50c; 1/16 oz., \$3.00; ⅛ oz., \$4.50; ¼ oz., \$8.50; ½ oz., \$16.00; 1 oz., \$30.00; ¼ lb., \$98.00.

Burpee F₁ Hybrid. 70 days. An excellent all-purpose main crop Tomato producing a high yield of firm, thick-walled fruits. Pkt., 35c; 1/16 oz., \$1.75; ⅛ oz., \$3.50; ¼ oz., \$6.00; ½ oz., \$11.00; oz., \$21.00.

Burpee's Big Boy F₁ Hybrid. 78 days. Very large, round; bright scarlet skin, solid flesh of best quality. Pkt., 50c; 1/16 oz., \$3.00; ⅛ oz., \$4.50; ¼ oz., \$8.50; ½ oz., \$16.00; 1 oz., \$30.00.

Early Hybrid E-21. 75 days. A very fine early Hybrid Tomato that is adapted to either market or home growing. Fruits are large, a bright red. Pkt., 35c; ⅛ oz., 75c; ¼ oz., \$1.35; ½ oz., \$2.50; 1 oz., \$4.50; ¼ lb., \$16.00.

Michigan Forcing. Developed especially for growing under glass. A heavy producer of medium sized fruit. Pkt., 25c; ½ oz., 75c; oz., \$1.25; ¼ lb., \$4.50.

Oxheart. 90 days. Different in shape from all others, resembling a beef heart. The flavor of the pink fruit is mild. Pkt., 15c; ½ oz., 45c; oz., 85c; ¼ lb., \$3.00; 1 lb., \$11.00.

Ponderosa. 90 days. Extremely large; purplish pink, few seeds, mild flavor. Pkt., 15c; ½ oz., 35c; oz., 65c; ¼ lb., \$2.25; 1 lb., \$8.00.

Pritchard, Certified. (Scarlet Topper Certified.) 85 days. Fine all-round variety, heavy yielder; second early wilt resistant; fruit solid. Pkt., 15c; ½ oz., 35c; oz., 65c; ¼ lb., \$2.25; 1 lb., \$8.00.

Rutgers, Certified. 78 days. Desirable for market gardeners; bright red, smooth. This variety is highly popular with canners, home and market gardeners alike. A very strong grower with fruit slightly larger than Marglobe. Pkt., 15c; ½ oz., 35c; oz., 60c; ¼ lb., \$1.75; 1 lb., \$6.50; 5 lbs., \$6.25 per lb.

Stokesdale, Certified. 75 days. Early, suitable for shipping. Fruits uniform, deep scarlet; globe shape. Pkt., 15c; ½ oz., 35c; oz., 65c; ¼ lb., \$2.25; 1 lb., \$7.50.

Stone, Certified. 85 days. Valuable for market and canning; heavy producer; deep scarlet. Pkt., 15c; ½ oz., 35c; oz., 60c; ¼ lb., \$2.00; 1 lb., \$7.00.

Valiant, Certified. 75 days. A large-fruited market variety of heavy production. Vines are sparse and open and will produce a large crop. Fruits scarlet, large globe-shaped. ½ oz., 40c; oz., 75c; ¼ lb., \$2.50; 1 lb., \$9.00.

PICKLING or PRESERVING TOMATOES

Red Top (Improved Italian Canner.) Cylindrical. 3 x 1¼ inches. Solid with no air space. A remarkable keeping Tomato that is extremely popular. Pkt., 15c; ½ oz., 45c; oz., 85c; ¼ lb., \$3.25.

Red Cherry Plum Small fruited, for pickles, salads or preserves.

Red Pear

Yellow Husk or Ground Cherry

Pkt., each 15c; ½ oz., 40c; 1 oz., 75c; ¼ lb., \$2.75.

Selected Flower Seeds

AGERATUM, MEXICANUM

Blue Ball Improved. 12 to 14 in. Large flowered, medium blue. Tr. pkt., 35c; $\frac{1}{8}$ oz., 65c; $\frac{1}{4}$ oz., \$1.25; 1 oz., \$4.50.

Blue Cap. Small, bright orchid-blue flowers freely produced on uniform bushy plants. The most dwarf and uniform blue Ageratum. 10 in. Tr. pkt., 35c; $\frac{1}{8}$ oz., 65c; $\frac{1}{4}$ oz., \$1.20; 1 oz., \$3.60.

Blue Mink. Tetraploid. Large, powder-blue flowers are liberally borne on 8-inch plants. Tr. pkt., 50c; $\frac{1}{8}$ oz., \$1.25; $\frac{1}{4}$ oz., \$2.25; 1 oz., \$7.50.

Midget Blue. Medium sized, clear blue flowers are freely carried on dense, small-leaved plants. 12 in. Tr. pkt., 40c; $\frac{1}{8}$ oz., 80c; $\frac{1}{4}$ oz., \$1.50; 1 oz., \$5.75.

ALYSSUM

Carpet of Snow. Produces a very dense, flat mass of white flowers, 4 in. high by 8 to 10 in. across. Tr. pkt., 20c; $\frac{1}{4}$ oz., 35c; 1 oz., \$1.00; 4 ozs., \$3.25.

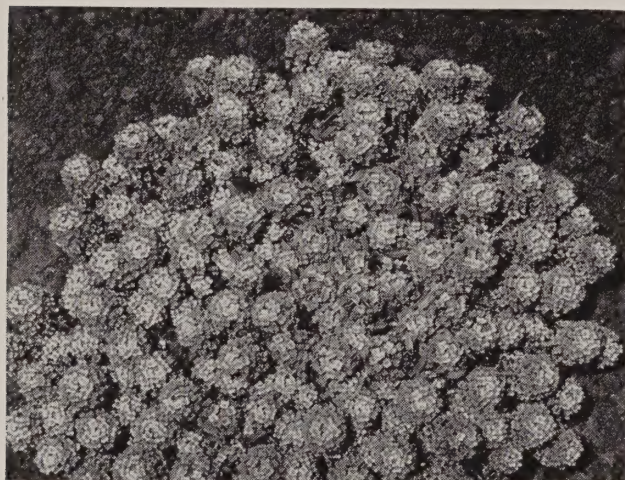
Little Gem. 5 in. Dense, rounded heads of white flowers. Tr. pkt., 20c; $\frac{1}{4}$ oz., 35c; 1 oz., \$1.00; 4 ozs., \$3.00.

Pink Heather. Light pink blossoms, deeper in cool weather. Tr. pkt., 50c; $\frac{1}{4}$ oz., \$1.75; oz., \$5.50.

Snowdrift (Maritimum Tetraploid). Large, snowy white blooms on uniform, 12-inch plants. Satisfactory for cutting. Tr. pkt., 25c; $\frac{1}{4}$ oz., 75c; 1 oz., \$2.50.

Royal Carpet. Violet-purple flowers are freely produced on plants about four inches high and ten inches across. Makes a nice border plant. Tr. pkt., 35c; $\frac{1}{4}$ oz., \$1.25; 1 oz., \$3.75.

Violet Queen. 5 in. Violet flowers borne on dwarf plants. Tr. pkt., 25c; $\frac{1}{4}$ oz., 50c; 1 oz., \$1.75; 4 ozs., \$5.50.



Alyssum, Royal Carpet

ALYSSUM

(Perennial)

Saxatile Compactum (Basket of Gold). An indispensable plant for the rockery or border, growing 1 foot high. Tr. pkt., 20c; $\frac{1}{4}$ oz., 35c; oz., \$1.00.

AMARANTHUS

Molten Fire. 5 ft. Attractively variegated deep red foliage. Plants do best when not transplanted and prefer dry, sunny locations. Tr. pkt., 25c; $\frac{1}{4}$ oz., 60c; 1 oz., \$2.00.

Tricolor Splendens. 3 ft. Beautiful foliage. Green, red and yellow. Handle like Coleus. Tr. pkt., 25c; $\frac{1}{4}$ oz., 60c; 1 oz., \$1.75.

ANCHUSA

(Annual)

Blue Bird. Attractive deep forget-me-not-blue flowers. 18 in. Tr. pkt., 20c; $\frac{1}{4}$ oz., 45c; 1 oz., \$1.50.

ANTHEMIS - Marguerite

(Perennial)

Kelwayi. A most satisfactory hardy perennial bearing Daisy-like, golden yellow blossoms; excellent for cutting. Tr. pkt., 30c; $\frac{1}{4}$ oz., 50c; 1 oz., \$1.50.

AQUILEGIA - Columbine

(Perennial)



Aquilegia, Long-Spurred Hybrid

Long-Spurred Columbine

The plants are of strong, thrifty growth, with flowers of largest size.

Blue Shades. A very fine strain of light and dark blue shades. Tr. pkt., 40c; $\frac{1}{8}$ oz., 85c; $\frac{1}{4}$ oz., \$1.50.

Crimson Star. Crimson, the center white. Tr. pkt., 40c; $\frac{1}{8}$ oz., \$1.00; $\frac{1}{4}$ oz., \$1.75.

Copper Queen. Copper-red and straw corolla. Tr. pkt., 40c; $\frac{1}{8}$ oz., 85c; $\frac{1}{4}$ oz., \$1.50.

McKana's Giant. Large, extra long-spurred flowers 3 to 4 inches across in a gay mixture of colors. Tr. pkt., 50c; $\frac{1}{8}$ oz., \$1.10; $\frac{1}{4}$ oz., \$2.00; oz., \$7.50.

Orange and Scarlet Shades. Contains fine shades of orange-scarlet. Tr. pkt., 40c; $\frac{1}{8}$ oz., 85c; $\frac{1}{4}$ oz., \$1.50.

Rose Queen. Pink shades, long spurs. Tr. pkt., 40c; $\frac{1}{8}$ oz., 85c; $\frac{1}{4}$ oz., \$1.50.

Snow Queen. 18 in. Finest pure white variety. Tr. pkt., 40c; $\frac{1}{8}$ oz., 85c; $\frac{1}{4}$ oz., \$1.50.

Mrs. Scott Elliott's Hybrids. An excellent and popular long-spurred mixture. Tr. pkt., 35c; $\frac{1}{8}$ oz., 75c; $\frac{1}{4}$ oz., \$1.25; oz., \$4.25.

ARABIS - Rock Cress

(Perennial)

Snow Cap. The spreading tufts are covered with a sheet of pure white flowers as soon as the snow disappears. Tr. pkt., 35c; $\frac{1}{8}$ oz., 60c; $\frac{1}{4}$ oz., 75c.

ARMERIA - Sea Pink; Thrift

(Perennial)

Formosa Hybrida. Heads of rosy pink flowers. Useful for edging or rockery. Tr. pkt., 45c; $\frac{1}{8}$ oz., \$1.25; $\frac{1}{4}$ oz., \$2.25.

ASPARAGUS

Carefully harvested, hand-picked, plump, well matured seed.

	250 seeds	1000 seeds
Plumosus	\$0.75	\$2.50
Sprengeri .....	.75	2.50

ANTIRRHINUM—SEE SNAPDRAGON—Page 22**ASTERS - Wilt-Resisting**

10,000 seeds per oz.

Aster, Extra Early Type

Early Giant Finest Mixed. Flowers are Giants of California type, blooming 4 to 6 weeks earlier. Plants 1½ feet with strong heavy stems. Tr. pkt., 40c; ¼ oz., \$1.00; 1 oz., \$3.50.

DWARF QUEEN (For Pots)

Early flowering, 10-inch tall plants. Dwarf, base-branching plants with large flowers produced in abundance.

Crimson. Crimson-red.
Light Blue. Lilac-blue.

Rose. Rose-pink.
White. Pure white.

Dwarf Queen. Mixed.

Prices on above, each: Tr. pkt., 35c; ¼ oz., \$1.00; 1 oz., \$3.50.

Aster, Queen of the Market

A very popular early flowering type. Branching freely near the ground, about 20 inches tall. Produces nearly round fully double blooms.

Azure-Blue.
Dark Blue.
Flesh-Pink.

Light Blue. Medium blue.
Rose. Soft rose.
White.

Queen of the Market Mixture.

Prices above, each: Tr. pkt., 35c; ¼ oz., 65c; 1 oz., \$2.00.

Aster, Early Royal

Blooms mid-July, directly following the Queen of the Markets. 2 feet.

Azure-Blue or Dark Lavender.

Shell-Pink.
White.

Deep Rose. Taller.

Royal Mixture.

Purple. Deep purple.

Prices above, each: Tr. pkt., 35c; ¼ oz., 65c; 1 oz., \$2.00.

Giant Crego Improved (Incurved)

2½ feet

Twisted and curled petals. Flowers of good size.

Azure-Blue.

Pink. Shell-pink.

Blue Flame. Bright navy-blue.

Purple or Dark Blue.

Crimson.

White.

Deep Rose. Bright rose.

Crego Mixed.

Prices above, each: Tr. pkt., 35c; ¼ oz., 65c; 1 oz., \$2.00.

Aster, American Branching

Plants 2½ to 3 feet tall, branching, robust, flowers large, double and fine form. Flowers late August and early September.

Azure-Blue or Dark Lavender.

Purple.

Peerless Pink.

Rose.

White.

American Branching Mixed.

Prices above, each: Tr. pkt., 35c; ¼ oz., 65c; 1 oz., \$2.00.

Grow a few hundred in Plant Bands. You will find a ready market for early spring sales.



Early Royal

ASTER—BALL VARIETIES

A new race of large, all-double florist's cut-flower Asters yielding long stems under cloth or glass. Flowers normally bloom in mid or late August but can be flowered under lights earlier or in the spring.

Phlox, Pink Ball. Medium sized Royal-type flowers which open white, flushed lavender-pink.

Pink Ball. Soft shell-pink.

Purple Ball. Larger, much darker flowers than Early Purple Ball; dark stems.

Rose Ball. Silvery rose with incurved petals; a new strain very distinct from Early Royal Ball Deep Rose.

White Ball. Pure white flowers, quite large, with whorled center.

Prices above, each:

Tr. pkt., \$1.00; ¼ oz., \$1.50; 1 oz., \$5.50.

Aster, Heart of France

Brilliant Red. Blooms about August 15th. Generally considered the best red Aster. Tr. pkt., 40c; ¼ oz., 90c; 1 oz., \$3.00.

Aster, Bouquet Type

A new class of Aster developed for the cut-flower market. 24 inch. Ideal market cutter and shipper. Plants strictly upright, bearing quilled flowers on long stems.

Azure-Blue.

Bouquet Scarlet.

Bouquet Rose-Pink.

Bouquet White.

Powder Puffs. The mixture of all colors. The 2-ft. plants are literally covered with full double "puff ball" cut flowers.

Prices on above, each: Tr. pkt., 40c; ¼ oz., \$1.25; 1 oz., \$4.00.



Balsam

BALSAM

Makes fine flowering plants in small pots for spring sales from Jan. sowing.

Bush-Flowering Rose. Tr. pkt., 35c; ¼ oz., 65c; 1 oz., \$2.00.

Bush-Flowering Mixed. Tr. pkt., 35c; ¼ oz., 65c; 1 oz., \$2.00.

Camellia-Flowered Mixture. Tr. pkt., 20c; ¼ oz., 45c; 1 oz., \$1.50.

Bellflower - Bells of Ireland

Bells of Ireland. Graceful, 2-ft., branching stems are so surrounded by 2-inch flowers there is little room for leaves. The bell-shaped calyx of the flower is green and delicately veined. Tr. pkt., 25c; ¼ oz., 60c; 1 oz., \$2.00; ¼ lb., \$6.50.

BELLIS PERENNIS—Double English Daisy

This popular Double English Daisy is much used for spring and early summer bedding.

Monstrosa Gigantea. Red, Rose, White, Mixed. Tr. pkt., 40c; ¼ oz., \$1.50; 1 oz., \$5.50.

BEGONIA

Among the best bedding plants for semi-shady positions and equally valuable for house culture and pots.

Fibrous Rooted

Tr. pkt.

Carmen. Bright rose flowers, bronze foliage	\$1.25
Indian Maid. Scarlet-bronze foliage	1.25
Luminosa. Deep scarlet with reddish foliage	1.25
Pink Pearl. Dwarf rich pink, one of the best for pot culture. Originator's seed	1.50
Red Pearl. Dwarf, brilliant dark scarlet. Originator's seed	1.50
Scandinavia Pink. Large-flowered pink	1.25
Scandinavia Red. Like above except in color	1.25
Scandinavia White. A free-flowering white	1.25
Snowbank. The best dwarf white	1.25

BROWALLIA

Speciosa Major Blue. A very free flowering plant for indoor blooming. Flowers the size of large single Violets and a rich deep blue. Sow in early fall and give Carnation temperature. Tr. pkt., \$1.00; 1/16 oz., \$2.50.

CALCEOLARIAS

Excellent and easily grown pot plants for a reasonably priced showy item for Easter and Mother's Day. Best sown in pans in light soil during July and August.

Multiflora (Triumph Strain). The average size of the blooms is only 1½ inches, but the amount of flowers produced is unsurpassed. Tr. pkt., \$1.25.

Multiflora Nana Mixture. Large heads of medium sized flowers in brilliant reds, yellows and intermediate shades. The dwarf plants are wiry in growth with small durable leaves. Tr. pkt., \$1.25.

CALENDULA

Calendula are easily grown in a cool house. A mid-winter temperature of 45 degrees at night is best.

Ball's Gold Improved. Deep golden yellow.

Ball's Lemon Queen. Clear yellow, dark center.

Ball's Masterpiece. Long stemmed orange, dark center.

Ball's Improved Long Orange. Clear orange.

Sensation Improved. Long stems, brilliant orange.

Prices of the above: Tr. pkt., 25c; ¼ oz., 45c; oz., \$1.50; ¼ lb., \$5.00.

Orange King. Rich deep orange-red, dark center, medium; fine for pots and bedding. Tr. pkt., 25c; ½ oz., 75c; oz., \$1.25; ¼ lb., \$4.00.

CAMPANULA MEDIUM - Canterbury Bells

Medium Calycanthema (Cup-and Saucer Type). 3 ft. Biennial. (Medium single). Are easily forced for spring greenhouse flowering either as pot plants or for cutting

Dark Blue White Rose Mixture

Prices above 4, each: Tr. pkt., 35c; ¼ oz., \$1.00; oz., \$3.50.

CANDYTUFT, PERENNIAL - Iberis

Gibraltarica. 12 in. Large flowered lilac. Tr. pkt., 25c; ¼ oz., 50c; oz., \$1.50.

Sempervirens. 12 in. White flowers in late May. Seedlings flower second season. Tr. pkt., 50c; ¼ oz., \$1.35; oz., \$4.75.

Grow a few hundred in PLANT BANDS. You will find a ready market for early spring sales.



Candytuft, Giant Hyacinth Flowered

CANDYTUFT

Giant Hyacinth Flowered White. Extra Select. This is a very superior strain, it grows about 1½ feet high, with enormous trusses of blooms. Tr. pkt., 25c; ½ oz., 50c; 1 oz., 90c; ¼ lb., \$3.00; lb., \$10.00.

White Pinnacle. Giant Hyacinth Flowered. Of particular value to florists, for these handsome spikes of pure white florets grow 2 feet tall, and are superb for cutting. Tr. pkt., 35c; ½ oz., 75c; oz., \$1.25; ¼ lb., \$4.50; lb., \$16.00.

Iceberg. A Hyacinth-Flowered Florist Candytuft. The individual florets are up to two times as large as any Candytuft previously offered. Tr. pkt., 25c; oz., \$1.00; ¼ lb., \$3.50; lb., \$12.00.

CANDYTUFT, UMBELLATA

A popular spring cut flower. 3 ft. Sow in January.

	Tr. pkt.	Oz.	¼ lb.
Lavender	\$0.25	\$0.75	\$2.50
Rose Cardinal .....	.25	.75	2.50
White .....	.25	.75	2.50
Fine Mixed. All varieties .....	.25	.75	2.50

CARNATION, CHABAUD'S GIANT IMPROVED

These Carnations come into bloom five months from time seed is planted and continue to bloom throughout the summer.

Mixed. Tr. pkt., 35c; ⅙ oz., 60c; ¼ oz., \$1.00; oz., \$3.75.

CARNATION, GRENADIN

Perennial

A hardy type which is excellent for cutting. 18 in.

	Tr. pkt.	⅙ oz.	¼ oz.	Oz.
Cardinal-Red	\$0.35	\$0.75	\$1.45	\$5.50
Snow-White .....	.35	.75	1.45	5.50
Triumph Deep Pink ....	.35	.75	1.45	5.50
Grenadin Mixed .....	.35	.75	1.45	5.50



CELOSIA, DWARF Lilliput or Dwarf Feathered

Dwarf, compact plants, each tipped with brilliant silky plumes. Makes an imposing display in beds, borders, edgings, pots and boxes. A great bloomer.

Dwarf Fiery Feather. 12 in. Very attractive pyramid formation with fiery red spires.

Dwarf Golden Feather. 12 in. Same as above but golden yellow.

Dwarf Feather Mixture. A formula mixture of the above two varieties: 2/3 Fiery Feather, 1/3 Golden Feather.

Prices above 3, each: Tr. pkt., 30c; 1/8 oz., 70c; 1/4 oz., \$1.25; oz., \$4.00.

CELOSIA, CRISTATA (Cockscomb)

The popular Cockscomb for beds, borders and pots.

Dwarf Kardinal. Orange-scarlet, a brilliant new color with light green foliage. 10-inch plants. Tr. pkt., 50c; 1/8 oz., \$1.00; 1/4 oz., \$1.75; 1 oz., \$6.00.

Empress. Bright red; dark foliage.

Glasgow Prize (Pres. Thiers). Dark crimson; green foliage.

Finest Mixed. All colors with dark and light foliage.

The above 3: Tr. pkt., 30c; 1/8 oz., 50c; 1/4 oz., 75c; oz., \$2.50.

CELOSIA (Plume Type) TALL

The increasing popularity of this showy annual is explained by its ease of growth, making showy mass effects in poor soil and hot climates.

Forest Fire. 2 1/2 ft. Brilliant plumes of fiery orange-scarlet contrast strikingly with the bronzy red foliage. Tr. pkt., 35c; 1/4 oz., \$1.00; oz., \$3.50.

Golden Fleece. The clear golden yellow. Tr. pkt., 35c; 1/8 oz., 65c; 1/4 oz., \$1.00; oz., \$3.50.

Scarlet Plume. 4 ft. Brilliant fiery red. For fall borders and for cutting. Tr. pkt., 30c; 1/4 oz., 75c; oz., \$2.50.

Pampas Plume. Giant-flowered in bronze, copper, gold. Tr. pkt., 35c; 1/8 oz., 65c; 1/4 oz., \$1.00.

Thompsoni Magnifica. 28 in. Contains strikingly brilliant reds and yellows with some copper and gold shades. This makes an excellent cut flower. Tr. pkt., 30c; 1/4 oz., 60c; oz., \$2.00.

CELOSIA (Cockscomb) TALL

Toreador. Half dwarf. Uniform strain with red combs and green leaves; plants 18 to 20 inches high. Tr. pkt., 50c; 1/8 oz., \$1.00; 1/4 oz., \$1.75; oz., \$5.50.

Royal Velvet. Crimson combs borne well above foliage on 24- to 30-in. stems. Tr. pkt., 35c; 1/4 oz., \$1.00; 1 oz., \$3.50.

Tall Mixture. 40 in. Mixture of all colors in the tall class. Tr. pkt., 30c; 1/4 oz., 75c; oz., \$2.50.

CHERRY PEPPER. See page 23.

CENTAUREA CYANUS, DOUBLE

(Cornflower or Bachelor's Button). 3 ft.

Sow outdoors in September, same as Larkspur.

	Tr. pkt.	Oz.	Lb.
Blue Boy. Finest blue	\$0.20	\$0.60	\$6.50
Pinkie. Fine deep pink .....	.20	.60	6.50
Snow Man. White .....	.20	.60	6.50
Double Finest Mixed .....	.20	.60	6.50

CENTAUREA, WHITE-LEAVED

(Dusty Miller). For borders, vases, baskets.

	Tr. pkt.	1/4 oz.
Candidissima. 6 in. Silver-gray foliage ..	\$0.50	\$1.00
Gymnocarpa. 24 in. Fine, silvery foliage. .35		.60
Maritima Diamond. 10 in. An improved strain of Dusty Miller. Compact, even growth and very white foliage. Tr. pkt., 20c; 1/4 oz., 50c; 1 oz., \$1.50.		

CINERARIA HYBRIDA

Splendid plants for winter and spring house decoration. Rich in shades of blue, carmine, pink, white, etc.; many combinations.

Dwarf Giant Exhibition Mixture. Extra large flowers on medium dwarf plants. Brilliant color range. Tr. pkt., \$1.50.

Cremer's Improved Prize Strain. This excellent strain contains a full range of colors. Very large heads. Plants semi-dwarf habit with small foliage. Tr. pkt., \$1.50.

Siter Rainbow Strain. Remarkable for its wide range of color and especially rich in blue shades. Tr. pkt., \$1.50.

Siter's Hybrid. Attractive light-eyed strain. Medium large flowers, compact growth with small foliage. Originator's pkts. Tr. pkt., \$5.00.

CLARKIA ELEGANS DOUBLE

2 feet. Sow in January, grow on in a flat or shallow raised bed. Must be run dry and not fed during growing season. **Finest Mixed.** Tr. pkt., 25c; 1/4 oz., 50c.

CLEOME - Spider Plant

	Tr. pkt.	1/4 oz.	Oz.
4 feet tall.			
Helen Campbell. Pure white ...	\$0.35	\$0.75	\$2.50
Pink Queen. Color pink .....	.30	.50	1.75

COLEUS

Brilliantly colored foliage plants for beds, borders, pots or edging. Easy to grow from seed.

Large Leaved Hybrids. Seed saved from newest and finest large leaved varieties. Tr. pkt., \$1.00; 1/64 oz., \$2.25; 1/32 oz., \$4.50.

Rainbow Mixed. An excellent selection, highly colored. Tr. pkt., \$1.00; 1/64 oz., \$2.25; 1/32 oz., \$4.50.

COREOPSIS

(Perennial)

The long, graceful stems and rich, golden yellow color give this plant real value for cutting.

Sunburst. 24 in. A fine semi-double strain, with 2-inch golden yellow flowers. Tr. pkt., 20c; 1/4 oz., 35c; 1 oz., \$1.10.

COSMOS, SINGLE SENSATION

The most satisfactory class of Cosmos to grow.

Cardinal. Crimson.	Purity. Pure white.
Pinkie. Light pink.	Sensation Mixed.
Tr. pkt., 25c; 1/4 oz., 40c; oz., \$1.50.	

CUPHEA

Tr. pkt. ¼ oz.

Firefly. A very attractive spring pot plant that may be planted out for bedding and border work. Height 12 in. and covered with small bright scarlet flowers throughout the summer\$0.35 \$1.25

CYCLAMEN GIGANTEUM

All seeds are packed in original packages.

	Per 100	Per 1000
No. 1. Dark Blood-Red	\$2.00	\$18.00
No. 2. Bright Red	2.00	18.00
No. 3. Pure Rose	2.00	18.00
No. 5. White with carmine eye	2.00	18.00
No. 6. Pure White	2.00	18.00
No. 7. Bonfire. Brilliant salmon	2.25	20.00
No. 8. Salmon-Scarlet (America Improved)	2.25	20.00
No. 9. New Salmon-Rose Improved ..	2.25	20.00
No. 10 Salmon Color Dark (Perle of Zehlendorf)	2.00	18.00
No. 11. Salmon Color Light (Rose of Zehlendorf)	2.00	18.00
No. 15. Saffron Red, silver edge	2.25	20.00
No. 24 Mixed Varieties	1.85	16.00

CYNOGLOSSUM - Chinese Forget-Me-Not

Tr. pkt ¼ oz.

Firmament. A dwarf (15 inches) selection from the original blue strain; rich blue, even habitOz., \$1.40; ..\$0.25 \$0.45



Dahlias,
Unwin's Dwarf Hybrids

DAHLIA

Seeds sown in March, plants will be in bloom by the end of June. Graceful, semi-double flowers in a wide range of colors. Because of the wide variation in colors and types, seedling Dahlias are interesting to grow and tubers may be saved from the choicest specimens.

Unwin's Dwarf Hybrids. Double and semi-double types. Very even habit, 18 inches, with an attractive bright color range. Tr. pkt., 35c; ¼ oz., 75c; oz., \$2.25; ¼ lb., \$7.00.

Fall Festival. Here is a Dahlia that can easily be grown from seed, and will be of interest both to the home gardener and bedding plant grower. The flowers are double, semi-double and a small proportion of singles. Tr. pkt., 35c; ¼ oz., 75c; oz., \$2.25.

DAISY—SHASTA

(Perennial)

(Chrysanthemum Maximum)

Double Shasta Alaska. Diener's Strain, reselected (pf). Giant, 5-inch, double, white blooms. Plants 2½ ft. About 70% double. Tr. pkt., 50c; ½ oz., \$1.00; ¼ oz., \$1.50; oz., \$5.50.

G. Marconi. The largest flowered and finest double Shasta Daisy strain. Long-stemmed. A fine double cut-flower variety. Tr. pkt., 50c; ½ oz., \$1.50; ¼ oz., \$2.75; 1 oz., \$8.50.

Shasta Alaska. The most popular of all. Very large, pure white flowers with small yellow centers. 2½ ft. Tr. pkt., 25c; ¼ oz., 50c; oz., \$1.50; 4 ozs., \$5.00.



Delphinium, Pacific Giants

DELPHINIUM, PACIFIC GIANTS

Remarkable new strain developed by Vetterle and Reinelt. Flowers extremely well formed are of immense size. 2½ to 3½-inch diameter.

Astolat Series. An entirely new Hybrid varying in color from pale blush through lilac-pink.

Black Knight Series. The darkest of them all.

Blue Bird. A clear medium blue with huge tall spikes.

Bluejay Series. The color is clear medium to dark blue.

Cameliard Series. A pure lavender self, with white bee.

Galahad Series. Finest white of enormous size.

Guinevere. Light pink-lavender with white bee.

King Arthur. Brilliant royal velvet with large white bee.

Round Table Series. Finest mixed.

Summer Skies. Light blue with white bee.

Prices of Above Varieties:

Tr. pkt., \$1.25; ½ oz., \$2.50; ¼ oz., \$4.00; oz., \$15.00.

DELPHINIUM (Perennial)

Belladonna Type

This much improved strain has larger flowers, well spaced on longer spikes.

Belladonna Improved. Light blue, large flowered and a strong grower. Tr. pkt., 40c; ¼ oz., \$1.00; 1 oz., \$3.25; ¼ lb., \$11.00.

Bellamosum Improved. Extra select, dark blue, large flowers. Tr. pkt., 40c; ¼ oz., \$1.00; 1 oz., \$3.25; ¼ lb., \$11.00.

Blackmore and Langdon Hybrids. Shades of blue with contrasting bees. Tr. pkt., 40c; ¼ oz., \$1.00; 1 oz., \$3.25.

Wrexham or Hollyhock Strain. Extra large tapering spikes. Tr. pkt., 50c; ¼ oz., \$1.50; 1 oz., \$5.50.



Dianthus, Sweet Wivelsfield

DIANTHUS - Pinks

(Annual)

Brilliantly colored, sweet scented flowers for beds, borders, rock gardens, edgings and cutting. Plants grow about 1 ft. tall.

	Tr. pkt.	¼ oz.	Oz.
Fireball. Double dark scarlet . . .	\$0.30	\$0.50	\$1.50
Gaiety. Large, single fringed flowers. A brilliant range of colors. . .	.30	.50	1.50
Double Gaiety. Brilliant shades in a full range of colors . . . . .	.35	.60	1.75
Sweet Wivelsfield. The plants grow 12 inches high, showy blooms of pink and crimson . .	.20	.40	1.25
Westwood Beauty. A new single red Dianthus with long stems. .	.30	.60	1.75
Wee Willie. 3 in. An extra dwarf Dianthus in shades of red. Must be planted close together for good effect. Makes a fine display in flats or for combination use, blooming in 6 to 8 weeks from sowing . . . . .	.50	1.50	5.00

DIANTHUS (Perennial)

Tr. pkt. ⅛ oz. ¼ oz.

Allwoodi Alpinus. Flowers first year from seed. 4 to 6 inches high; mixed colors	\$0.40	\$0.90	\$1.75
Deltoides Brilliant. Rich rose-pink. . .	.35	.75	1.50
Spring Beauty (Scoticus). Double giant-flowered Carnation-like in form . . . . .	.35	1.00	1.75

DIGITALIS - Foxglove

(Perennial)

Giant Shirley Mixed. A greatly improved strain of unusually strong, vigorous growth. Enormous spikes 3 to 5 feet. Tr. pkt., 30c; ¼ oz., 75c; oz., \$2.75.

DRACAENA

Indivisa. Narrow green leaves. The popular kind for bedding or vases. Tr. pkt., 25c; oz., 75c.

ESCHSCHOLTZIA (California Poppy)

Choice Mixture. A mixture of dwarf erect varieties containing many new colors. Tr. pkt., 20c; ¼ oz., 45c; oz., \$1.75.

FEVERFEW - Matricaria

While generally raised from cuttings, nice stock can be grown from seed and makes an excellent cut flower.

Ball's Double White. Extra. Tr. pkt., \$1.00; 1/16 oz., \$2.00; ⅛ oz., \$3.50; ¼ oz., \$5.50.

Dwarf Golden Ball. Tr. pkt., 40c; ⅛ oz., \$1.00.

FORGET-ME-NOT - Myosotis

(Biennial)

	Tr. pkt.	¼ oz.
Alpestris, Victoria. Azure-blue.	1/8 oz., 90c	\$0.35 \$1.50
Victoria Rosea. Bright rose	1/8 oz., 90c	.35 1.50
Royal Blue (Indigo-Blue).	oz., \$3.50	.35 1.25
Oblongata, Blue Bird. Large deep blue flowers 3 to 4 months after sowing; height 1 ft.	oz., \$3.50	.35 1.25

FOUR O'CLOCK

	Tr. Pkt.	Oz.
Marvel of Peru, Mixed	\$0.20	\$0.75

GAILLARDIA GRANDIFLORA

(Perennial)

	Tr. Pkt.	Oz.
Dazzler. Large flowers, bright golden yellow, with rich maroon-red center. 3 ft.	¼ oz., 50c	\$0.30 \$1.85
Goblin. Very compact globular plants, red and yellow bi-color . . . ¼ oz., 75c	.35	2.25
Portola Hybrids. Color a brilliant scarlet with copper hue. Petals heavily tipped with golden yellow 2½ to 3 ft.	¼ oz., 75c	.35 2.50
Monarch Strain. A superior mixture	¼ oz., 60c	.30 2.00

GAILLARDIA PICTA

(Annual)

	Tr. Pkt.	Oz.
Lorenziana Double Choice Mixed	¼ oz., 50c	\$0.25 \$1.50

GEUM

(Perennial)

Lady Stratheden. Double golden yellow. Tr. pkt., 35c; ¼ oz., 75c; oz., \$2.50.	
Mrs. Bradshaw. Double fiery orange-red. Tr. pkt., 35c; ¼ oz., 75c; oz., \$2.50.	

GLOXINIA

Gigantea Mixed. Huge flowers measuring from 4½ to 5 inches, on strong stems. Beautiful attractive shades. Tr. pkt., \$1.25; 6 pkts., \$6.00.

GOURDS, ORNAMENTAL

Decorative Varieties, Mixed. Tr. pkt., 25c; oz., 90c.

GOMPHRENA - Globe Amaranth

An attractive everlasting garden flower with some value for cutting. A fine bedder for hot, dry climates. Mixture of colors. Tr. pkt., 25c; ¼ oz., 40c; oz., \$1.25; ¼ lb., \$4.00.

GREVILLEA

Robusta (Australian Silk Oak). Popular for specimen or combination work. Tr. pkt., 40c; ¼ oz., \$1.20; oz., \$4.00.

GYPSOPHILA ELEGANS

These are always in demand for mixing with other cut flowers.

Grandiflora Alba, London Market. The largest flowered pure white Gypsophila. Tr. pkt., 15c; oz., 30c; ¼ lb., 85c; 1 lb., \$2.50.

GYPSOPHILA - Baby's Breath

Paniculata. Small, white flowers about 50 per cent double. An excellent strain for drying. Tr. pkt., 35c; ⅛ oz., 85c; ¼ oz., \$1.50.

HELICHRYSUM

The popular double Strawflower. **Choice Mixed.** Tr. pkt., 25c; ¼ oz., 50c; 1 oz., \$1.40.

HELIOTROPE

Pacific Hybrids. Very fragrant, early dark blue. Tr. pkt., 40c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.25.

HEUCHERA - Coralbells

(Perennial)

Sanguinea Hybrids. Mixed colors. Tr. pkt., 50c.

Sanguinea Spitfire. Rich scarlet. Tr. pkt., 50c; $\frac{1}{16}$ oz., \$1.50.

HOLLYHOCKS (Perennial)

Triumph. Double mixed. Large, fully double flowers in unusual, delicate art shades. Most blooms are attractively fringed. May be handled as an annual—if sown indoors in February and transplanted to the open in spring, all plants will flower nicely the same summer. Tr. pkt., 30c; $\frac{1}{4}$ oz., 75c; 1 oz., \$2.25.

Chater's. The popular double mixed. Tr. pkt., 35c; $\frac{1}{4}$ oz., 75c; 1 oz., \$2.25.

HUNNEMANNIA

Sunlight. Semi-double. Tr. pkt., 20c; $\frac{1}{4}$ oz., 50c; oz., \$1.75.

ANNUAL LARKSPUR

Larkspur seed may be sown directly in the open in the fall, outdoor sowing in September will give the best blooms in the spring, however if sown early in the spring it should bloom in 90 days.

Under Glass—Spring Flowering: For indoor growing, Larkspur is a nice crop to follow late Mums. Well started 3-inch banded or potted plants should be ready for December benching.

SUPREME LARKSPUR**The Ideal Cut Flower Strain**

This is by far the most desirable and florists' favorite because of its especially clear colors, uniformity in height.

Dark Blue Supreme. A truly fine rich violet-purple.

Lilac Supreme. A pleasing shade of clear lilac.

Rose Supreme. A clear, pure deep rose.

Salmon Supreme. A true shade of real salmon.

White Supreme. A fine white Larkspur.

Supreme Mixture.

Prices of the above varieties:

Tr. pkt., 35c; 1 oz., \$1.25; $\frac{1}{4}$ lb., \$4.50; lb., \$16.00.

LARKSPUR**IMPERIAL OR BASE BRANCHING**

These Larkspurs are ideal for cut flowers, as the flower stems, three to four feet long, branch from the base of the plant.

Blue Bell. Azure-blue. **Los Angeles Improved.**

Blue Spire. Violet-blue. **Fine pink.**

Lilac King. Rich lilac. **Rose King.** Rich rose.

White King. Pure white. **Imperial—Choice Mixed.**

Prices of above varieties:

Tr. pkt., 30c; oz., \$1.15; $\frac{1}{4}$ lb., \$4.00; lb., \$14.50.

LARKSPUR REGAL STRAIN

Tremendously long spikes of huge well spaced florets distinguish this new strain of florists' market Larkspur.

Regal Dark Blue

Regal Rose

Regal Pink

Regal White

Regal Lilac

Regal Finest Mixed

Tr. pkt., 35c; oz., \$1.25; $\frac{1}{4}$ lb., \$4.50; lb., \$16.00.

IMPATIENS

Excellent plant for shady positions with glossy leaves and attractive blooms. Provide splendid pot plants.

Dwarf Hybrids Mixed. Tr. pkt., \$1.00; $\frac{1}{32}$ oz., \$2.50.

KALANCHOE

Tom Thumb. Produces perfectly rounded, symmetrical plants literally covered with small bright scarlet flowers. Tr. pkt., \$1.50; $\frac{1}{64}$ oz., \$4.50.

LINUM - Flax

(Perennial)

Perenne (Blue Flax). Pale blue, round-shaped flowers. Tr. pkt., 20c; $\frac{1}{4}$ oz., 35c; oz., \$1.00.

LOBELIA

Excellent for bedding, window boxes, baskets, etc. December or January sowing is recommended for early use.

Blue Stone. Re-selected. Large flowers, brilliant mid-blue.

Crystal Palace Compacta. 4 inches, ultramarine-blue. Dark foliage.

Mrs. Clibran. Deep blue, white eye, dark foliage.

Rosamond. Rich violet-rose with white eye.

Sapphire. For hanging baskets, large, deep navy-blue with white eye.

Prices above: Tr. pkt., 35c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.50.

LUPINUS (Annual Lupines)**HARTWEGI GIANTS or KING**

An improved strain. 3 to 4 feet high.

Dark Blue. Oxford-blue. **White.** Pure white.

Sky-Blue. Clear light blue. **Choice Mixed.**

Tr. pkt., 25c; $\frac{1}{2}$ oz., 60c; 1 oz., \$1.00.

LUPINUS, Polyphyllus (Hardy Lupine)

Fine for cutting. Requires a well drained location and thrives best in cool climate.

Russell Strain. Long closely set flower spikes and attractive colors. Tr. pkt., 40c; $\frac{1}{4}$ oz., 65c; oz., \$2.00.

LYCHNIS

(Perennial)

Chalcedonica. Fine scarlet flowers. 2 ft. Tr. pkt., 25c; $\frac{1}{4}$ oz., 60c; 1 oz., \$1.75.



Annual Larkspur

MARIGOLD, DWARF FRENCH DOUBLE



Dwarf Harmony



Marigold, Spry



Petite Marigold

MARIGOLD, SPUN GOLD (New)

The ALL-AMERICA SELECTIONS SPUN GOLD is an early dwarf Chrysanthemum-flowered type averaging 12 inches tall. Erect, bushy growth with a multitude of large double flowers 3 inches across, with incurved petals, bright golden yellow in color. The foliage is medium green. Tr. pkt., 75c; $\frac{1}{8}$ oz., \$1.25; $\frac{1}{4}$ oz., \$2.25; 1 oz., \$7.50.

MARIGOLD - Dwarf French Double

These fine, uniform strains are among the most popular florist bedding plant subjects. Double varieties, such as Cupid, Spry, etc., are also valuable for combination boxes and pots. Will flower in about 8 weeks from seedling.

Butterball. 8 in. Most dwarf Marigold in our trials. Light butter-yellow petals tipped wine-red. Guard petals also wine-red. Compact habit.

Color Magic. Bushy growing plants, similar to the popular Spry, but with fully double, $1\frac{1}{2}$ -inch flowers in shades of yellow and orange irregularly marked dark red. Color changes as season progresses.

Dwarf Harmony. 10 in. Similar to Spry, except for color which is bright orange rather than yellow. Very rich effective color combination—deep maroon guard petals.

Harmony Hybrids. 14 in. Compact habit combined with early free flowering. Orange and yellow shades with blotched and striped combinations.

Lemon Drop. Dwarf, compact plants with medium small, fully double, lemon-yellow flowers. 9 inches tall. Excellent for bedding plant sales, as the first bloom is fully double.

Midget Harmony. 9 in. Medium size, Scabious-like, double flowers. Deep orange center with maroon-red outer petals.

Spry. 10 in. Our most popular Marigold. Well known for its brightly contrasting golden yellow Anemone crest over deep rich mahogany guard petals. Dwarf and free flowering.

Sunkist. 9 in. Uniformly dwarf and compact with solid, deep golden orange, Anemone type flowers about an inch in diameter.

Yellow Pygmy. 10 in. Excellent very free flowering dwarf Marigold. Double lemon-yellow and nearly 100% true.

Dwarf French Double Mixture. 12 in. Medium dwarf sorts.

Prices above 10, each: Tr. pkt., 35c; $\frac{1}{4}$ oz., 60c; 1 oz., \$1.90; 4 ozs., \$6.00.

PETITE STRAIN MARIGOLD

Grows about 6 inches tall and 10 in. wide.

Petite Orange. Fully double, bright orange flowers.

Petite Yellow. A clear, strong yellow; fully double.

Petite Gold. Between Orange and Yellow in color.

Petite Harmony. Golden anemone crest with deep mahogany guard petals; completely double.

PETITE MIXTURE. All of the above varieties blended.

Prices above 5, each: Tr. pkt., 35c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.50; 4 ozs., \$10.00.

CUPID MARIGOLDS

(Dwarf Chrysanthemum-Flowered)

A combination of large flowers and dwarf habit, an entirely new dwarf Marigold. Extremely uniform, these compact, odorless, bushy plants produce blooms of startling size—up to $2\frac{1}{2}$ inches. Cupid reaches 10 inches in open beds, but will bloom at a height of 4 to 6 inches in 3-inch pots.

Cupid Golden. Light gold.

Cupid Orange. Rich orange.

Cupid Yellow. Bright lemon-yellow flowers.

Cupid Mixed. Blend of above three.

Prices above 4, each: Tr. pkt., 35c; $\frac{1}{8}$ oz., 75c; $\frac{1}{4}$ oz., \$1.40; oz., \$4.50.

MARIGOLD - Dwarf French Single

1 ft.

Naughty Marietta. Rich golden yellow petals attractively marked maroon at the base. 2-inch flowers. Tr. pkt., 30c; $\frac{1}{4}$ oz., 50c; oz., \$1.75; 4 ozs., \$5.50.

Dainty Marietta. A compact even plant with flowers of soft golden yellow and a maroon blotch at the base of each petal. Tr. pkt., 30c; $\frac{1}{4}$ oz., 50c; oz., \$1.75; 4 ozs., \$5.50.

Spanish Flag Finest Mixed. Blended mixture of only the modern Dwarf Single Marigolds in red, yellow and bicolor. Tr. pkt., 25c; $\frac{1}{4}$ oz., 50c; oz., \$1.50; 4 ozs., \$5.00.

MARIGOLD, TAGETES (Signata Pumila)

Ursula. Dense, rounded, free flowering plants with fine lacy foliage. Small, golden yellow flowers.

Lulu. Same as above, but flowers are lemon-yellow.

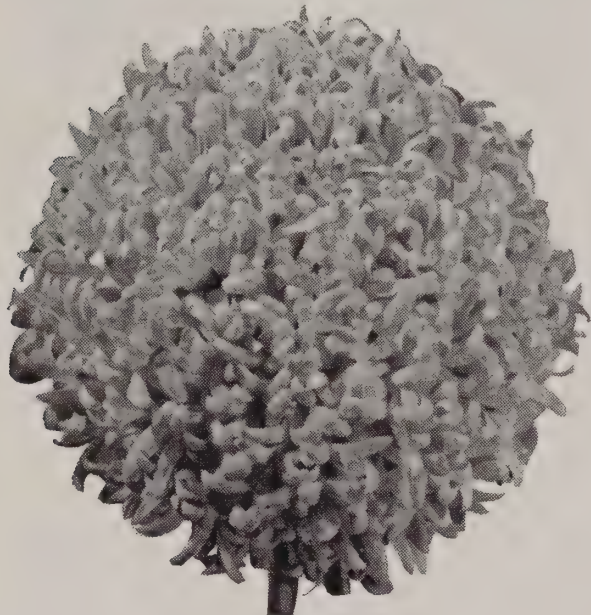
Prices above 2, each: Tr. pkt., 35c; $\frac{1}{4}$ oz., \$1.00; 1 oz., \$3.50.

CONTINUED ON NEXT PAGE

MARIGOLD - Cutting or African

CONTINUED FROM PREVIOUS PAGE

Most any grower will find a spring crop of cut-flower Marigolds quite profitable. A January or February sowing, spaced about 4x5 inches and grown single stem, will flower April and May. The All-Double and Carnation-flowered types are most popular, but be sure to include some of the Chrysanthemum-flowered.



MARIGOLD Tall African, Double Fistulosa

2½ to 3 ft.

An especially fine tall branching strain, bearing enormous flowers of the quilled type; valuable for cutting.

Orange All-Double. A strain of African Marigold which has come about 95% double. A superior strain for cutting. Tr. pkt., 30c; ¼ oz., 50c; 1 oz., \$1.75; 4 ozs., \$6.00.

Lemon All-Double. Same trueness to double type as All-Double Orange. Tr. pkt., 30c; ¼ oz., 50c; 1 oz., \$1.75; 4 ozs., \$6.00.

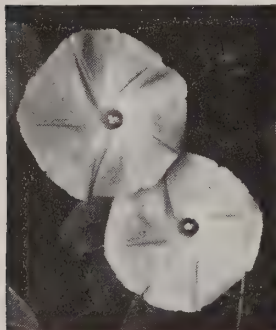
All-Double Mixture. Mixture of above All-Double varieties. Tr. pkt., 25c; ¼ oz., 50c; oz., \$1.60; 4 ozs., \$5.50.

MATRICARIA - Feverfew

(Page 13)

MORNING GLORY - Ipomoea

Candy Pink. Large, clear pink flowers—a new and unusual color in Morning Glories. Tr. pkt., 25c; ¼ oz., 50c; oz., \$1.50.



Ipomoea, Heavenly Blue

Clarke's Heavenly Blue.

The most popular Morning Glory, flowering very early and with almost unbelievable freedom. A beautiful shade of belladonna-blue flowers. Tr. pkt., 20c; ½ oz., 50c; oz., 75c; 4 ozs., \$2.25.

Scarlett O'Hara. Rich dark wine-red or deep crimson, with attractive foliage. Tr. pkt., 25c; ½ oz., 75c; oz., \$1.25.

MOONFLOWER (Ipomoea Noctiflora)

Among the fastest growing and most popular of all summer climbers.

Noctiflora (White Moonflower). Night blooming. Tr. pkt., 20c; oz., 75c; 4 ozs., \$2.50.

MARIGOLD—Winter Flowering

Colorado Sunshine. Bright luminous yellow, ruffled and fringed Carnation flowered type, especially good for cutting under glass. Tr. pkt., 40c; ¼ oz., \$1.00; oz., \$3.50.

MARIGOLD, Double Carnation-Flowered

2½ Feet

The loose, informal flowers are fluffy in appearance. **Crackerjack.** Extra large, 100% double, Carnation-flowered blooms in shades of orange, gold and yellow. Much earlier and a better grower than Sunset Giants. Tr. pkt., 35c; ¼ oz., 75c; oz., \$2.50; 4 ozs., \$9.00.

Guinea Gold. Attractive deep golden orange flowers, 2 to 3 in., and very freely produced; fine for cutting. Tr. pkt., 25c; ¼ oz., 50c; 1 oz., \$1.60.

Yellow Supreme. Bright lemon-yellow, loose petaled flower. Tr. pkt., 25c; ¼ oz., 50c; oz., \$1.60; 4 ozs., \$5.25.

Chrysanthemum-Flowered Types

Produces almost perfect ball-shaped Chrysanthemum-like blooms about 3 inches in diameter. Exceptionally vigorous and free branching in growth.

Glitters. Glitters Marigold has large, fluffy Chrysanthemum-like, sharp canary-yellow flowers, 3 in. and more across, which are freely borne on long, strong stems continuously from early in the summer until frost. Tr. pkt., 35c; ¼ oz., 75c; oz., \$2.75.

Goldsmith (Mission Giant). A very attractive light golden orange in this popular class. Tr. pkt., 30c; ¼ oz., 65c; oz., \$2.25.

Mammoth Mum. The largest of the Chrysanthemum-flowered Marigolds. Light sulphur-yellow. Tr. pkt., 35c; ¼ oz., 75c; oz., \$2.50.

Mission Giant Mixed. A well balanced mixture in this new type; ranges from deep orange to light yellow. Tr. pkt., 30c; ¼ oz., 50c; oz., \$1.75; 4 ozs., \$5.50.

NASTURTIUM, DOUBLE

Double Scarlet Gleam. **Double Golden Gleam.**
Glorious Gleam Hybrids. Similar in habit and growth. Each: Pkt., 20c; 1 oz., 40c; ¼ lb., \$1.25.

NIEREMBERGIA

Purple Robe. A fine dwarf deep violet-blue, blooms in 15 weeks from seed. Tr. pkt., 50c; 1/32 oz., \$1.75.

NICOTIANA - Flowering Tobacco

Crimson Bedder. 15 in. Makes a very compact growth and very free flowering. Tr. pkt., 30c; ¼ oz., 75c.

White. 36 in. Tall and large flowered. Tr. pkt., 35c; ¼ oz., 85c.

Nicotiana Hybrids, Mixed. Tr. pkt., 35c; ¼ oz., 85c.

PENTSTEMON - Beard Tongue

(Perennial)

Sensation. The most brilliant and varied colors; many of them are beautifully edged with a fine contrasting color. 2 ft. Tr. pkt., 40c; ¼ oz., \$1.00; 1 oz., \$3.25.

PLATYCODON (Balloon Flower)

Bell-shaped flowers on graceful stems from June to September. 2 ft.

Grandiflorum. Large steel-blue flowers. Tr. pkt., 40c; ¼ oz., \$1.50.

SELECTED PETUNIAS

Our Petunia seeds are of the finest quality, grown by the best growers in California and Japan from selected plants. No pot plant more profitable or satisfactory than a fine pot plant of Petunias.

PANSIES—TURN TO PAGE 20

ALL-DOUBLE PETUNIAS

The following are selected varieties chosen for their quality and popularity. Double Petunias make a reasonably priced yet profitable pot plant for Easter and Mother's Day sales. December sowing is necessary to produce 4- and 5-inch plants.

ALL-DOUBLE DWARF Victorious Strain

Blue Brocade Improved. The real dwarf blue.

Gaiety. Beautifully striped and mottled with bright rose and white. Very dwarf and compact.

Pure White Improved. Pure white, fully double, well fringed flowers. Excellent for pots and for bedding.

Rosy Carmine Improved. Bright rose, much improved in the size of flower and with extra dwarf growth.

Victorious Mixed. Covering full range of colors, excellent in its splendor and its even dwarf growth.

Prices above 5, each: $\frac{1}{2}$ tr. pkt., \$2.25; tr. pkt., \$4.00; 1/128 oz., \$6.50; 1/64 oz., \$12.50.

ALL-DOUBLE DWARF PETUNIAS

Pan-American Strain

Allegro Improved. Large, double, fringed, deep salmon.

Caprice Improved. Double, deep fringed, bright rose.

Nocturne. A deep midnight-purple.

PRESTO. New all-double dwarf fringed, color rose and white, beautiful color.

Rhapsody. Burgundy-wine-purple, a new color.

Sonata. Large, double, pure white, fringed.

Prices above, each: $\frac{1}{2}$ tr. pkt., \$2.75; tr. pkt., \$4.50; 1/128 oz., \$8.50.

Glorious Mixture. Contains both tall and dwarf types in all Pan-American colors. In transplanting, be sure to use both large and small seedlings, thus insuring a complete range of colors. $\frac{1}{2}$ tr. pkt., \$2.25; tr. pkt., \$4.00; 1/128 oz., \$7.60; 1/64 oz., \$14.45.

SINGLE DWARF FRINGED - 10-inch

(Dwarf Erfurts)

Dwarf Elk's Pride. This velvety purple is one of our most popular varieties. Tr. pkt., 75c; 1/64 oz., \$1.75; 1/32 oz., \$3.25; 1/16 oz., \$5.50.

Lace Veil. Pure white, large flowers, free flowering. Tr. pkt., 75c; 1/64 oz., \$1.75; 1/32 oz., \$3.00.



SINGLE PETUNIAS

Dwarf Giants of California

Flowers are beautifully ruffled and fringed with open well marked throats. This dwarf class makes particularly fine 3- and 4-inch pot plants for spring business. Seed for this purpose should be sown in January.

Dwarf Giants of California Select Mixed. This is the best strain of giant-flowered Petunias in existence for pot culture and bedding. Tr. pkt., \$1.00; 1/64 oz., \$2.25; 1/32 oz., \$4.00; 1/16 oz., \$6.00.

Dwarf Giants of California, Ramona Strain, Dark and Light Shades. A dwarf, sturdy growing type especially suited to pot culture. Tr. pkt., 75c; 1/64 oz., \$1.75; 1/32 oz., \$3.00.

LARGE-FLOWERING GRANDIFLORA

Ruffled—Plain Edge

Generally more robust than the fringed and larger flowered—excellent for bedding. Flowers 3 to 4 inches in width. Height 12 inches.

Burgundy. Plain edge. Rich wine-red. Tr. pkt., 75c; 1/64 oz., \$1.50; 1/32 oz., \$2.75.

Carnival. A colorful mixture containing all shades found in the Grandiflora type. Carnival is an entirely new type of Petunia with greater color range. Tr. pkt., \$1.50; 1/32 oz., \$3.50; 1/16 oz., \$6.50.

Flaming Velvet. Velvety blood-red. Tr. pkt., 75c; 1/64 oz., \$1.50; 1/32 oz., \$2.75.

Popcorn. Single plain edged variety identical in flower form and size of bloom with Snowstorm. Dwarf and compact. Excellent for pot work or bedding. Tr. pkt., \$1.00; 1/64 oz., \$2.50; 1/32 oz., \$4.75.

Snowstorm Improved. Large, pure white, fragrant flowers on compact plant of very uniform growth; favorite white for pot plants, excellent for bedding. Tr. pkt., \$1.00; 1/64 oz., \$2.00; 1/32 oz., \$3.50.

Theodosia Improved. Largest rose-pink with golden throat, fringed. Tr. pkt., 75c; 1/64 oz., \$1.50; 1/32 oz., \$2.50.

Ruffled Monsters Mixed. Formula mixture. Tr. pkt., 75c; 1/64 oz., \$1.50; 1/32 oz., \$2.75.

Dwarf
California Giants



SELECTED PETUNIA, F₁ HYBRIDS—Continued From Previous PageF₁ HYBRID VARIETIES

Large Single Grandiflora

Average height 10-12 inches.

F₁ Hybrid Petunia is seed saved from an artificial cross of 2 specially selected parents—both impart special qualities to the cross and together produce an amazing degree of vigor.

Blue Lustre. The wonderful, big, waved Grandiflora flowers are deep mid-blue, becoming almost as dark as Elk's Pride in cool weather. Plants grow 11 inches tall and 1½-2 feet across. Uniform, bushy plants. ½ tr. pkt., \$1.75; tr. pkt., \$3.00; 1/128 oz., \$5.50; 1/64 oz., \$10.00; 1/32 oz., \$18.00.

Blue Magic. Described by the originator as an F₁ Hybrid Admiral with Admiral-blue flowers up to 3 inches across. Growth habit is compact and vigorous. ½ tr. pkt., \$1.35; tr. pkt., \$2.50; 1/128 oz., \$4.50; 1/64 oz., \$8.00; 1/32 oz., \$15.50.

Lavender Lace. Heavily fringed Grandiflora type flowers of warm lavender-rose with deeper heliotrope veins. ½ tr. pkt., \$1.35; tr. pkt., \$2.50; 1/128 oz., \$4.50; 1/64 oz., \$8.00; 1/32 oz., \$15.50.

Scarlet Lustre. Large ruffled and fringed flowers of the same scarlet-red-gold throat color as Fire Dance, but a stronger grower and more disease resistant. ½ tr. pkt., \$1.75; tr. pkt., \$3.00; 1/128 oz., \$5.50; 1/64 oz., \$10.00; 1/32 oz., \$19.00.

Toreador. Large, slightly ruffled flowers of solid, deep, crimson-red are carried on uniform, compact plants. ½ tr. pkt., \$1.35; tr. pkt., \$2.50; 1/128 oz., \$4.50; 1/64 oz., \$8.00; 1/32 oz., \$15.50.

Ballerina. Large, single, fringed flowers of a soft glowing salmon. Plants are dwarf and compact.

Blue Bell. A free flowering Grandiflora, medium blue color of the old favorite. Flowers up to 3 inches in diameter. Dwarf, compact.

Blue Lace. Dwarf, ruffled and fringed. Excellent for blue effect in the garden. Lovely light orchid-blue pencilled with deeper violet-blue.

Crusader. Gaily striped, extra bright rose-pink on pure white. Grown in shade the color balance will go to the dark side.

Fire Dance. F₁ Hybrid. A brilliant salmon-scarlet with yellow throat. Deeply fringed. Uniformly dwarf.

La Paloma. Large well fringed flowers, pure white with yellow throat. Most uniform and vigorous grower.

Maytime. This excellent F₁ Hybrid covers itself with large, ruffled blooms of soft salmon-pink shade.

Prima Donna. Large, heavily ruffled bright rose flowers with darker veins on vigorous, spreading, base-branching plants.

Sabre Dance. Huge bright crimson and white flowers, 4½ in. across, mostly with white star pattern. Dwarf, compact, very vigorous plants.

Tango. Deep salmon outside of bloom, shading to scarlet-salmon nearer throat. Flowers 3½ to 4 in. across, beautifully fringed.

Ballet Mixed. A blending of the above F₁ Hybrid Petunias with the addition of a deep purple and steel-blue to complete the mixture.

Each of the above 11 varieties: ½ tr. pkt., \$1.35; tr. pkt., \$2.50; 1/128 oz., \$4.50; 1/64 oz., \$8.00; 1/32 oz., \$15.50.



Fairyland. Medium large fringed and ruffled flowers of a soft shrimp-salmon shade; lighter than Ballerina.

Blue Mantle. Dwarf, medium sized, ruffled flowers of rich violet-blue.

Fire Gleam. Medium sized, ruffled flowers of brilliant creamy cherry-red.

Minstrel. Dwarf, large, ruffled flowers in various combinations of white and rich violet-blue. Vigorous, free flowering and very showy.

Prices of above 4 varieties: ½ tr. pkt., \$1.00; tr. pkt., \$1.75; 1/64 oz., \$6.50; 1/32 oz., \$11.50.

NEW MULTIFLORA PETUNIAS,
F₁ HYBRID MULTIFLORAS

Very free-flowering plants, dwarf and compact.

Mercury. The first F₁ Hybrid. Popular light blue. The nearest to a true blue; dwarf, compact.

Neptune. Light violet-blue, appears almost indigo in evening light. Excellent, dwarf, compact.

Satellite. Bright rose with a perfect white star. Far more brilliant than the old inbred variety, Twinkles, and very free flowering.

Sugar Plum. Small flowers of bright orchid with deeper wine-red veins are freely produced on dwarf, compact plants. An outstanding novelty.

Venus. Bright celestial rose-pink; dwarf, compact, spreading.

Prices above 5 varieties: ½ tr. pkt., \$1.00; tr. pkt., \$1.75; 1/128 oz., \$3.50; 1/64 oz., \$6.50; 1/32 oz., \$11.70.

PETUNIAS, F₁ HYBRID MULTIFLORA

The Vigorous, Colorful "Redskin" Series.

Very free-flowering plants, dwarf and compact.

Aztec. Brilliant scarlet with gold throat.

Comanche. A brilliant scarlet-crimson, deeper and more intense than Fire Chief, with larger flowers.

Comet. Bright warm crimson with a perfect white star. Far superior to anything yet offered in this class.

Inca. Bright deep cerise-rose—about the color of Apache but with a lively, contrasting golden throat.

Linda. Brilliant rosy salmon flowers are carried on bushy, solid plants of great vigor.

Paleface. Without question the most vigorous and extremely free flowering white bedding Petunia.

Rose Charm. Rich, brilliant rose, wonderfully vigorous, free branching and flowering.

Multiflora Pow Wow Mixed. A well balanced formula mixture of above varieties.

Prices all above 8 varieties: ½ tr. pkt., \$1.00; tr. pkt., \$1.75; 1/128 oz., \$3.50; 1/64 oz., \$6.50; 1/32 oz., \$11.70.

SELECTED PETUNIAS, F₁ HYBRIDS—Continued From Previous Page**PETUNIAS, F₁ HYBRID MULTIFLORA**

Very free-flowering plants, dwarf and compact.

Glitters. A fiery combination of bright scarlet-crimson and white. Truly brilliant, and a "must" for bedding plant growers everywhere. $\frac{1}{2}$ tr. pkt., \$1.35; tr. pkt., \$2.50; $\frac{1}{64}$ oz., \$7.50; $\frac{1}{32}$ oz., \$14.50.

3 SATIN PETUNIAS F₁ HYBRID MULTIFLORA

Peach Satin. A lovely new Multiflora with unusually large flowers which open first to a coral color, changing the next day to an appealing soft salmon-pink. Plants are well behaved, compact.

Pink Satin. Fine, dwarf, globe-shaped plants with a solid mass of satiny, lustrous, bright pink blooms.

Red Satin. More dwarf and compact than Comanche and a bit brighter red in color. May also be more free flowering under some growing conditions.

Prices above 3, each: $\frac{1}{2}$ tr. pkt., \$1.25; tr. pkt., \$2.25; $\frac{1}{128}$ oz., \$4.00; $\frac{1}{64}$ oz., \$7.00; $\frac{1}{32}$ oz., \$14.50.

PETUNIA HYBRID NANA COMPACTA (Dwarf Bedding)

The largest selling class, mostly used for sale out of flats for bedding and mass effect. The plants grow dwarf and compact and while the flowers are comparatively small they are produced very freely. Fine for pot sales, garden borders and bedding.

Admiral. Most attractive dwarf blue bedding Petunia. Flowers are ruffled, adding greatly to their distinctiveness. Tr. pkt., 75c; $\frac{1}{64}$ oz., \$1.50; $\frac{1}{32}$ oz., \$2.50; $\frac{1}{16}$ oz., \$4.50; $\frac{1}{8}$ oz., \$8.50.

Blue Bedder Imp. Mid-blue, compact. Very free flowering. Tr. pkt., 40c; $\frac{1}{8}$ oz., 90c; $\frac{1}{4}$ oz., \$1.50.

Celestial Rose Re-selected. Definitely superior to the regular Celestial Rose, slightly dwarfed in habit and larger flowered. Unquestionably the best available strain of this fine pot plant item. Tr. pkt., 40c; $\frac{1}{8}$ oz., \$1.00; $\frac{1}{4}$ oz., \$2.00; oz., \$6.50.

Elk's Star. Velvety reddish purple, white star. Exceptionally uniform and compact bedding strain. Tr. pkt., 50c; $\frac{1}{16}$ oz., \$1.50; $\frac{1}{8}$ oz., \$2.75.

Fire Chief. A brilliant scarlet-red. Plants dwarf and compact with long blooming season. Tr. pkt., 50c; $\frac{1}{32}$ oz., \$1.00; $\frac{1}{16}$ oz., \$1.50; $\frac{1}{8}$ oz., \$2.75; $\frac{1}{4}$ oz., \$5.00.

King Henry. Large flowers of a rich velvety blood-red color. Very free flowering. Dwarf, compact habit. Tr. pkt., 75c; $\frac{1}{32}$ oz., \$1.50; $\frac{1}{16}$ oz., \$2.75; $\frac{1}{8}$ oz., \$5.25.

Lipstick. Carmine-rose with just a suggestion of salmon. Lipstick should prove an excellent garden variety. Tr. pkt., 50c; $\frac{1}{32}$ oz., \$1.00; $\frac{1}{16}$ oz., \$1.65; $\frac{1}{8}$ oz., \$2.90; $\frac{1}{4}$ oz., \$5.00.

Rose of Heaven Improved. Perfectly uniform, fine rose-pink color; dwarf habit. Tr. pkt., 35c; $\frac{1}{8}$ oz., 65c; $\frac{1}{4}$ oz., \$1.25; $\frac{1}{2}$ oz., \$2.25.

BALCONY PETUNIA

A free, large flowering type of semi-trailing habit.

Cornflower Blue. A violet-blue.

Black Prince. Deep rich velvety crimson.

Rose. Fiery rose, select strain.

Star of California. Violet, white star.

White. Pure white.

Balcony Mixed.

Prices above: Tr. pkt., 40c; $\frac{1}{8}$ oz., \$1.00; $\frac{1}{4}$ oz., \$1.90.

PETUNIA HYBRIDA, BEDDING

This class is of vigorous growth and for this reason is suited to outdoor bedding.

Blue Bee. Blue of Jersey Gem Viola.

Flaming Velvet. Rich brilliant velvety blood-red flower.

Howard's Star Improved. Medium tall velvety purple with white star.

Rose King Improved. Large flowered, rich rose.

White King. Pure white.

Prices all above varieties: Tr. pkt., 35c; $\frac{1}{8}$ oz., 75c; $\frac{1}{4}$ oz., \$1.25; oz., \$4.75.

Choice Bedding Mixed. A very choice mixture which contains a splendid blend of color. Tr. pkt., 35c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.50.



Celestial Rose Re-selected

Rosy Morn Improved. Differs from the original in that the rose coloring is stronger and deeper and habit some stronger. Quite uniform and distinct in every way. Tr. pkt., 40c; $\frac{1}{4}$ oz., \$1.25; oz., \$4.50.

Silver Blue (Heavenly Blue.) Re-selected rich light blue. Tr. pkt., 40c; $\frac{1}{8}$ oz., \$1.00; $\frac{1}{4}$ oz., \$1.75.

Snowball Improved. This compact white Petunia is the result of many years work to obtain a lower growing compact strain. Tr. pkt., 40c; $\frac{1}{8}$ oz., \$1.00; $\frac{1}{4}$ oz., \$1.75; oz., \$5.50.

Velvet Ball. Dwarf, compact plants with velvety blood-red blooms. Tr. pkt., 75c; $\frac{1}{32}$ oz., \$1.50; $\frac{1}{16}$ oz., \$2.75.

Violacea. Deep violet, dwarf, with a bright blue cast. Tr. pkt., 35c; $\frac{1}{8}$ oz., 75c; $\frac{1}{4}$ oz., \$1.40.

Nana compacta Mixed. A well balanced mixture. Tr. pkt., 35c; $\frac{1}{8}$ oz., 75c; $\frac{1}{4}$ oz., \$1.25; oz., \$4.50.

GIANT PANSIES

20,000 seeds per ounce.

The finest strain of fancy Pansies composed of seed which is hand picked from individual plants.

Color Carnival. An F₂ generation hybrid with exceptionally large blooms. Plants are compact yet vigorous. The color range is magnificent, rich in reds and scarlets, all blooms are blotched. **Tr. pkt., \$1.50; 1/8 oz., \$3.50; 1/4 oz., \$6.50; 1 oz., \$22.00.**

Felix. Felix is a distinct new pattern in Pansy mixtures. It has a yellow-pencilled face and a contrasting wide border of different shades. Flowers are large. **Tr. pkt., 75c; 1/8 oz., \$2.00; 1/4 oz., \$3.00; 1/2 oz., \$5.00; 1 oz., \$9.00.**

Pay Dirt. Largest golden yellow. **Tr. pkt., \$1.00; 1/8 oz., \$3.00; 1/4 oz., \$5.50; 1/2 oz., \$10.50.**

Steele's Butterfly Hybrids. A select new ruffled Pansy. A fine mixture of the most unusual pastel shades. **Tr. pkt., \$1.00; 1/16 oz., \$1.50; 1/8 oz., \$2.75; 1/4 oz., \$5.00; 1/2 oz., \$9.50.**

Steele's Jumbo Mixed. This superb strain of Pansies is of largest size, richest and most varied colors. **Tr. pkt., \$1.00; 1/8 oz., \$3.00; 1/4 oz., \$5.10; 1/2 oz., \$9.20; 1 oz., \$16.50.**

Super Swiss Giants Mixed. A magnificent blend of Swiss Giants. Grand in size, form, color and substance; blotched and beautifully marked. Plants low and compact. **Tr. pkt., 50c; 1/8 oz., \$1.75; 1/4 oz., \$3.00; 1/2 oz., \$5.00; 1 oz., \$9.50; 4 oz., \$36.00.**

Super Maple Leaf Giants. The sturdy plants have large flowers in radiant colors, especially blue with yellow, white with black. **Tr. pkt., 50c; 1/8 oz., \$1.75; 1/4 oz., \$3.00; 1/2 oz., \$5.50; 1 oz., \$10.00.**

SWISS GIANT—SEPARATE COLORS

Alpenglow. Mahogany-red with dark center.

Coronation Gold. The finest, clear golden yellow.

Raspberry Rose. Soft pink with contrasting velvety blotch.

Rhinegold. Large-flowered yellow with dark center.

Thuner Sea. A blue with darker blotch.

Ullswater (Lake of Thun). Marine-blue.

White. Pure white.

Prices above: **Tr. pkt., 75c; 1/8 oz., \$2.00; 1/4 oz., \$3.50; 1 oz., \$12.00.**



PHLOX

Drummondii Nana Compacta

Dwarf type for growing in pots or bedding. The symmetrical dwarf, compact plants are especially suited for bedding, rock garden, and pots. 6 to 8 inches.

Twinkle. Dainty flowers of the dwarf starred type, with pointed petals, are lavishly produced on dwarf, compact plants. An unusually wide assortment of colors. **Tr. pkt., 50c; 1/8 oz., \$1.25; 1/4 oz., \$2.25; oz., \$6.50.**

Beauty Mixed. A neat compact strain of dwarf Phlox with blooms twice the size of the regular strains. **Tr. pkt., 50c; 1/4 oz., \$1.50; oz., \$4.50.**

Cecily Mixture. A bright mixture of all colors and shades in dwarf types. **Tr. pkt., 35c; 1/8 oz., 50c; 1/4 oz., 90c; oz., \$3.00.**

Globe Mixed. Height 6 inches. Plants branch fully from the base of the plant, creating a beautifully rounded, uniform shape. **Tr. pkt., 50c; 1/8 oz., \$1.25; 1/4 oz., \$2.25; oz., \$7.50.**

PHLOX

Hardy Phlox should be sown outside in late fall to germinate in spring, or sown and refrigerated for about one month.

Beltsville Beauty. An improved perennial Phlox. Large flowered, and a wide assortment of colors. **Tr. pkt., 75c; 1/4 oz., \$2.25; oz., \$7.50.**

POPPIES

Annual

Shirley Finest Single Mixed. **Tr. pkt., 20c; 1/4 oz., 50c.**

American Legion. Single orange-scarlet. **Tr. pkt., 1/4 oz., 50c; oz., \$1.50.**

PAPAVER ORIENTALE - Oriental Poppy

Large cup-shaped flowers with crinkled petals. Newly open flowers when cut in early morning or late evenings will keep in water for 3 to 5 days if ends of stems are well burned within 5 minutes of cutting. Oriental Poppies do not come entirely true from seed.

Tr. pkt. 1/8 oz.

Brilliant. Brilliant fiery red **1/4 oz., \$1.25..\$0.35 \$0.75**

Princess Victoria Louise. Salmon **1/4 oz., \$1.25.. .35 .75**

Mixture of All Colors .. **1/4 oz., \$1.25.. .35 .75**

POPPY, ICELAND (Nudicaule)

Tr. pkt. 1/4 oz.

Sanford's Giant Strain. Immense flowers on stiff strong stems, very varied range of colors **oz., \$4.00..\$0.40 \$1.25**

PORTULACA - Moss Rose

A very excellent plant for dwarf bedding or border. Very excellent easily grown outdoor bedding plant. Will flower 30 to 45 days from sowing in late spring or early summer.

Tr. pkt. 1/4 oz. Oz.

Grandiflora Double Mixed **\$0.35 \$1.00 \$3.50**

Grandiflora Single Mixed **.25 .65 2.25**



Phlox Drummondii

PRIMULA Obconica

A sowing in late January or February will make choice pot plants for Christmas. For better germination put Primula seed in a refrigerator for a week or ten days.

Tr. pkt.
Fasbender's Red. Extra large deep crimson \$1.25
Rose Queen. Giant-flowered bright rose-pink . . . 1.25
 1/64 oz., \$2.25.

PRIMULA Malacoides

Sow seed in May or June in light sandy soil for fine plants for St. Valentine's Day and spring sales. Light, air and low temperature are the main things to check carefully. Do not let the plants get too dry between waterings.

Mrs. Eriksson of Riverside. Large flowers of deep rose-red on compact plants of medium height.

New Giant Salmon-Rose. Extremely large flowered.

Lavender Improved. Bright orchid-lavender.

White Giant. Fine pure white.

Malacoides Special Mixed. Well balanced colors.

Prices of above: **Tr. pkt., \$1.25; 5 pkts., \$5.25.**

SALVIA SPLENDENS

7000 seeds per oz.

One of the most brilliant bedding plants. Popular for bedding and garden planting, there is always a good call for Salvia. The fine strains are developed over years from single plant selections, they are outstanding. Blooms early summer to frost. Sow seed in flats and give bottom heat, as this helps germination.

America or Globe of Fire. Compact rounded bushes averaging 16 in. in height, blooms early and continuously. **Tr. pkt., 50c; 1/8 oz., \$1.00; 1/4 oz., \$1.75; 1/2 oz., \$3.00; oz., \$5.50; 4 ozs., \$20.00.**

Blaze of Fire. Dwarf and early, this variety is suitable for pots but also has plenty of vigor for planting outdoors. A nice item for low borders averaging 12 to 15 in. in height. **Tr. pkt., 75c; 1/8 oz., \$1.25; 1/4 oz., \$2.00; 1/2 oz., \$3.75; oz., \$7.00; 4 ozs., \$24.00.**

Clara Bedman (Bonfire.) Grows about 20 to 24 in. high. Our strain is very compact, being covered with masses of deep scarlet blooms. **Tr. pkt., 50c; 1/8 oz., \$1.00; 1/4 oz., \$1.75; oz., \$5.50; 4 ozs., \$20.00.**

Harbinger (Firebrand.) Early scarlet of compact, upright growth, with extremely long flower spikes. Will average 18 in. in height. **Tr. pkt., 50c; 1/8 oz., \$1.00; 1/4 oz., \$1.75; 1/2 oz., \$3.25; oz., \$6.50; 4 ozs., \$24.00.**

Scarlet Pygmy. 8 inches high. A dwarf early type developed primarily for pots as it flowers only a few weeks after seeds are sown. **Tr. pkt., 75c; 1/8 oz., \$1.50; 1/4 oz., \$2.75; 1/2 oz., \$5.00; oz., \$9.00.**

St. John's Fire. A very dwarf early type developed primarily for pots. Grows about 12 inches high. **Tr. pkt., 75c; 1/8 oz., \$1.35; 1/4 oz., \$2.50; 1/2 oz., \$4.50; oz., \$8.50; 4 ozs., \$30.00.**

FARINACEA (Blue Salvia)

Blue Bedder. July 1. Medium lavender-blue in color and grows about 3 ft. tall with long stems for cutting. **Tr. pkt., 50c; 1/4 oz., \$1.50; oz., \$5.00.**

SALPIGLOSSIS

Some very attractive colors for summer cutting and spring flowering under glass. **Tr. pkt. 1/4 oz.**

Emperor. Extra choice large flowering mixtureoz., \$1.75..\$0.25 \$0.50

PYRETHRUM (Perennial)

One of the really good hardy perennials, valuable alike for cutting or planting in the hardy border.

Robinson's Giant Hybrid Red. Giant-flowered dark red.

Robinson's Single Roseum. Rose. Single pink flowers.

Robinson's Single Giant Hybrids. Large single mixture.

Prices above 3, each: **Tr. pkt., 50c; 1/8 oz., \$1.25; 1/4 oz., \$2.00; oz., \$5.50.**

RICINUS (Castor Bean)

Very fast growing, tall, large-leaved plants. Good for tall hedges and windbreaks.

Zanzibariensis Mixed. Foliage all green. **Oz., 30c; 4 ozs., \$1.00; lb., \$3.50.**

RUDBECKIA (Coneflower)

Gloriosa Daisies. 3 ft. This tetraploid Rudbeckia produces large, single flowers up to 6 inches across in shades of yellow and mahogany-red. **Tr. pkt., 60c; 1/8 oz., \$1.25; 1/4 oz., \$2.25; 1 oz., \$6.50.**

Starlight. Primrose-yellow to mahogany and bi-colors, with mahogany centers. Very fine. **Tr. pkt., 40c; 1/4 oz., \$1.25.**

Purpurea. 4 ft. Reddish purple flowers. **Tr. pkt., 35c; 1/4 oz., \$1.00.**

SAPONARIA

Pink Beauty. Trailing Rose; hardy rock plant. **Tr. pkt., 35c; 1/4 oz., \$1.00.**

SCHIZANTHUS (Butterfly Flower)

Giant Flowering Hybrids. Select large flowered. A choice strain with very large flowers in an excellent blend of colors. A splendid cut-flower item. **Tr. pkt., 40c; 1/8 oz., \$1.00.**

Compactus, Mixed. The plants grow dwarf and compact, making them most suitable for pot culture. **Tr. pkt., 40c; 1/8 oz., \$1.00.**

SCABIOSA (Mourning Bride)

Choice long-stemmed annuals for summer cutting.

Oxford Blue. Deep blue. **Shasta White**

Loveliness. Salmon-rose. **Giant Hybrids Mixed**

Prices above, each: **Tr. pkt., 35c; 1/4 oz., 75c; oz., \$2.50.**

SCABIOSA (Perennial)

Excellent perennial cut-flower material. Larger flowered than the popular annual form, perfectly hardy.

Caucasica, House Hybrids. Large flowers ranging from white to deep blue. **Tr. pkt., 40c; 1/4 oz., \$1.10; oz., \$3.75.**

Salvia



SNAPDRAGONS

SNAPS for Greenhouse Forcing

MARKED: E. Early; M. Medium; L. Late.

Snapdragon seeds should germinate in about seven days from the time they are sown. Maintain a constant temperature of 65 to 75° F. and keep the medium uniformly moist especially the top one-half in the flat.

PINK and ROSE

	Tr. pkt.
Christina. M. (Yoder.) Best light rose-pink	\$3.50
FLORIDA. (New.) Vigorous light pink summer hybrid that flowers with Gay Time. It has a Christina color	3.50
Hercules. L. (Ball Hybrid No. 21.) Light pink, extra hard stem. Close-set florets, graceful spike. Midseason	3.50
Libby. M. (Yoder.) Dark rose-pink hybrid with very strong stems and vigorous growth. It is a second early	3.50
Nashua. M. Light rose-pink hybrid. Winter and early spring	3.50
Native Dancer. M. (Yoder Bros.) New. This light pink is a shade darker than Rosebud. Stems are hard and clean	3.50
New Times. E. (Pan-American.) The best early, deep rose	3.00
Pensive. M. (Yoder Bros.) Deep rose-pink, medium early	3.50
Pink Ice. M. Bright pink with lighter lips; mid-season. An excellent hard stemmed variety ..	3.50
Pompey. M. (Yoder Bros.) Medium pink. Long spikes	3.50
Rebecca. M. A soft rose-pink hybrid, color slightly lighter and earlier than Christina. Clean, strong stem	3.50
Rosebud. M. (Yoder Bros.) New. Soft pastel pink. Extra vigorous and uniform. Late	3.50
Rowena. E. (Yoder Bros.) New. Light rose-pink. early	3.50
Top Flight. M. (Yoder Bros.) Light pink, earlier than Christina	3.50
Whirlaway. E. (Yoder Bros.) Pink with large yellow lip	3.50
Wintergreen. E. (Yoder Bros.) New. Fine light rose-pink. Very compact. Early	3.50

RED

Cherokee. E. and M. (Ball.) A true "Christmas" scarlet-red. Long, well formed spikes	3.50
Commando. E. (Yoder Bros.) Tall growing copper-red shade	3.50
Man-O-War. E. (Yoder Bros.) A copper-red shade with yellow lip	3.50
Navajo. M. and L. (Ball.) We consider this the finest all-purpose red Snap available. Should be sown a week earlier than other varieties for winter	3.50
Priscilla Ann. M. (Yoder.) Hybrid. Velvety crimson florets	3.50

YELLOW

Broker's Tip. M. (Yoder Bros.) Medium yellow for late winter and spring. Firm stems	3.50
Colorado. (New.) Large-flowered yellow hybrid. Very uniform and vigorous	3.50
Doubloon. M. (Ball.) Rich deep "treasure-gold" color. A true mid-winter blooming Snap	3.50
Golden Spike. M. (Ball.) A rich, deep golden yellow. Best yellow for spring	3.50
Nevada. (New.) Intense yellow hybrid. Valuable in May-June and October-November	3.50
Patricia. M. (Yoder.) Deep yellow hybrid	3.50
Swaps. E. (Yoder Bros.) Large yellow. Early ...	3.50
War Admiral. (Yoder Bros.) Outstanding winter-flowering yellow	3.50

BRONZE

	Tr. pkt.
Barbara. M. (J. S. Yoder.) Large-flowered bronze with pink throat	\$3.50
Cavalcade. M. (Yoder Bros.) A lively golden bronze	3.50
Gallant Fox. M. (Yoder Bros.) Medium rosy bronze. Very fine	3.50

LAVENDER

Bold Venture. E. Rich lavender. Early, uniform	3.50
Lavender Lady. M. (Ball.) A deep rosy lavender shade with excellent spikes and stems. For late winter and spring	3.50

WHITE

Albion. M. (Yoder Bros.) A pure white, produces a better spike than White Knight although it is two weeks later	3.50
Apollo. M. (Yoder Bros.) Large-flowered ivory-white, more vigorous than Margaret	3.50
Citation. M. (Yoder Bros.) Hybrid. Very large ruffled florets of ivory-white compactly spaced on long spikes. Early	3.50
Delaware. (New.) Ivory-white hybrid. Retains and improves, for spring and fall flowering, the valuable traits of Citation	3.50
Jet Pilot. E. (Yoder Bros.) A medium early paper-white. Long spikes	3.50
Margaret. M. (Yoder.) The most popular winter-blooming ivory-white. The stem is exceptionally stiff	2.00
Snowman. M. (Ball.) Excellent pure white. This has won acclaim as the nation's most widely grown pure white for winter and spring	3.50
Spartan White. E. Excellent pure white for early.	3.00
Twenty Grand. M. (Yoder Bros.) Early winter-flowering ivory-white, fine keeping qualities ..	3.50
White Knight. E. (Yoder Bros.) Paper-white, compact habit. Extra-large flowers. Early	3.50

MIXTURES

Hybrid Formula Mixture. Well balanced blend of Hybrid Snaps	½ tr. pkt., \$1.75.. 3.00
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SUMMER SNAPS

Arizona. (New.) Summer flowering lavender hybrid. Color resembles the spring variety, Lavender Lady	3.50
Crystal White Yoder Strain. E. (Inbred.) Taller and more uniform than the original Rockwood strain	3.50
Dark Star. (New—Yoder Bros.) A deep yellow with good spikes and hard stems. A week earlier than Rockwood's Summer Yellow and a better Snap. For summer	3.50
Gaytime. (Yoder Bros.) Medium pink, yellow lip. A week earlier than Rockwood's Summer Pink with better vigor, stem and color	3.50
June Bride. (Ball.) The finest "hot weather" F ₁ Hybrid developed for late spring and summer, single stem	3.50
Rockwood's Summer Pink No. 1. (Inbred.) Medium rose. For late spring and summer only.	3.50
Summer Jewel. (New—Yoder Bros.) Same color as Rockwood's Summer Pink, but a few days earlier	3.50
Rockwood's Crystal White. (Inbred.) An excellent pure white. For late spring and summer only	3.50
White Skies. (Yoder Bros.) A good white Snap for summer only	3.50

SNAPDRAGON—OUTDOOR GARDEN VARIETIES FOR SPRING PLANT SALES

F₁ HYBRID ROCKET SNAPDRAGONS

ALL-AMERICA MEDAL WINNER FOR 1960

The Rocket Series are the first F₁ Hybrid Snapdragons purposely bred for garden use and hot weather tolerance. Long spikes with evenly spaced florets produced on vigorous and uniform plants made the Rocket Series an outstanding entry in the trials throughout the country. Separate colors or formula mixture.

Bronze Gold Orchid Red Rose White Mixed

Pkt. 500 seeds, \$1.50; tr. pkt. 1,500 seeds, \$3.00; 1/32 oz., \$10.80; 1/16 oz., \$20.00.

F₁ HYBRID "PANORAMA" SNAPS

The following varieties are produced from F₁ Hybrid parents and represent the F₂ or second generation. Because of the control exercised over the parents involved in the original cross, the F₂ generation breeds true for color.

Bronze Crimson Rose Yellow White Mixed

Prices above 6, each: Tr. pkt., 50c; 1/8 oz., \$1.50; 1/4 oz., \$2.75; 1 oz., \$8.00.

SNAPDRAGON

Carrousel. F₂ Hybrid. Grown from selected F₁ Snapdragons, this new mixture offers wide color range and exceptional hybrid vigor for superior garden performance. Mixture of the best tall varieties. Tr. pkt., 40c; 1/8 oz., 70c; 1/4 oz., \$1.25; 1 oz., \$4.50.

TETRAPLOID SNAPS

Tetraploid Snaps or "Tetras" have larger florets. **Tetra Ruffled Mixed.** A fine mixture of all colors. Tr. pkt., 35c; 1/16 oz., 65c; 1/8 oz., \$1.25; 1/4 oz., 2.00.

SNAPDRAGON

Mardi Gras. An F₂ Hybrid mixture, is extremely vigorous and quite uniform. Florets are closely placed on long-blooming stems. Tr. pkt., 40c; 1/8 oz., 70c; 1/4 oz., \$1.25; 1 oz., \$4.50.

SOLANUM - CHRISTMAS CHERRY

Sow in February, summer plants outdoors, lift and pot in September for Christmas pot plants.



Ball Christmas Cherry (Hlavacek's Masterpiece). A uniform, bushy strain. Large, round, red fruit is very freely produced. Tr. pkt., 50c; 1/4 oz., \$1.25; oz., \$4.25.

Ball Christmas Pepper. Compact plants with a profusion of cone-shaped fruit that is first green, later turning purple and then red. Tr. pkt., 75c; 1/4 oz., \$2.00; oz., \$7.50.



SNAPDRAGON, SUPER MAJESTIC

Rust-Resistant. 20 in.

HALF DWARF class of base branching plants with heavy compact spikes of large blooms.

Super Majestic, Mixed.

Tr. pkt., 35c; 1/8 oz., 70c; 1/4 oz., \$1.25; 1 oz., \$4.50.

MAXIMUM or SUPER GIANTS

Rust-Resistant. 2 3/4 feet.

The Long-Stemmed Type for Cutting

Campfire. Luminous scarlet.

Canary Bird. Yellow.

Copper Queen. Copper-scarlet.

Padre. Glossy crimson.

Paradise Rose. Light pink.

Rosalie. A rich deep rose.

Shasta. Pure white.

Yellow Giant. Deep yellow.

Maximum Mixed.

Prices on the above varieties:

Tr. pkt., 35c; 1/8 oz., 70c; 1/4 oz., \$1.25; 1 oz., \$4.00.

SHAMROCK

True Irish Shamrock. Sow January 1st; St. Patrick's Day plants; use 3 or 4 seedlings per pot. Tr. pkt., 25c; 1/4 oz., 50c; 1 oz., \$1.50.

STATICE, PERENNIAL

Hardy perennial producing panicles of minute flowers which can be dried and used for winter bouquets.

Dumosa. Dense clusters of pure silver-gray blooms; 30 inches. Tr. pkt., 40c; 1/4 oz., 75c; oz., \$2.50.

STATICE SINUATA

Valuable for cutting or decoration. This attractive annual is largely grown outdoors for drying.

Hybrid Mixture. A mixture of colors. Tr. pkt., 25c; 1/2 oz., 60c; oz., \$1.00; 4 ozs., \$3.50.

SWEET WILLIAM

DIANTHUS BARBATUS (Perennial)

Barbatus (Sweet William). Early June flowering. Perfectly hardy, flowering second season from seed. There is always a good demand for these beautiful, single, free-flowering, old-fashioned favorites.

	Tr. pkt.	1/4 oz.	Oz.
Dark Crimson	\$0.35	\$0.75	\$2.50
Holborn Glory .....	.35	.75	2.50
Newport Pink .....	.35	.75	2.50
Scarlet Beauty .....	.35	.75	2.50
White .....	.35	.75	2.50
Single Choice Mixed .....	.35	.75	2.50
Double Choice Mixed .....	.35	.75	2.50

SWEET WILLIAM—DWARF, COMPACT

A counterpart in miniature of the regular tall types. 4 to 6 inches. Very fine, neat Alpine rock plant.

Dwarf Alpine Compact Mixed. Tr. pkt., 50c; 1/4 oz., \$1.00; oz., \$3.50.

STOCKS**NON-BRANCHING COLUMN**

16,000 S. The most important points in growing good greenhouse Stocks are: plant only in steam-sterilized or fresh soil to avoid root rot; grow them cool—not over 50° nights. A spacing of 3x6 inches is ample for good quality.

WHITE and YELLOW

Avalanche. Finest white for outdoor growing; also excellent for greenhouse use although later than No. 16.

No. 16 Ball White—Medium Tall. This early pure white is the most popular variety on our entire list.

White Goddess. (New.) A pure white with large, well spaced florets. Early, excellent shipper.

White Giant. Good long-stemmed white for outdoor growing. We prefer our No. 16 Ball White for greenhouse use, although some growers have reported favorably on White Giant.

Pacific Yellow. (New.) A fine early canary-yellow with sturdy stems.

PINK, ROSE and RED

American Beauty. Rich deep American Beauty or carmine-rose.

Ball's Rose Improved. An early flowering, fairly deep rose-pink. Darker in color than Supreme No. 22.

No. 22 Ball Supreme. A long-stemmed, vigorous growing variety with fine, heavy spikes of rich silvery rose.

Chamois-Pink. A warm rosy buff color. Good stems and flower spikes.

Pacific Pink. New distinct color break. First pure true pink Stock, lacking lavender cast of previous pinks, outstanding under artificial light.

Rose-Pink. Popular clear rose.

Ruby Improved. New distinctly different scarlet-crimson without blue cast of American Beauty or Illusion.

LAVENDER, BLUE and PURPLE

Lilac-Lavender. Clear lavender. Early blooming, slightly deep selection. Good stems with long flower spikes.

Ball's Purple (Purple Heart). Long-stemmed and large-flowered, bright violet-purple. Early blooming.

Twilight Lavender. A new deeper lavender, darker than Lilac-Lavender. Wonderful under artificial light.

Exquisite Mixed. A well balanced blend.

Prices all above Non-Branching Stocks, each:

½ tr. pkt., 60c; tr. pkt., \$1.00; ¼ oz., \$2.50;
½ oz., \$5.00; 1 oz., \$9.50.

IMPERIAL IMPROVED BISMARCKS

An especially meritorious class; of branching habit.

Chamois. Ivory tinted rose

Elk's Pride. Rich purple.

Flesh. Delicate pink.

Fiery Blood-Red.

Lilac. Lilac-lavender.

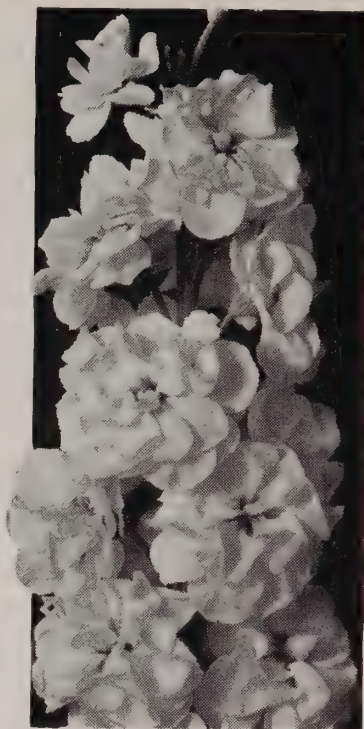
Rose. Deep rose-pink.

Santa Maria. Giant white.

Choice Mixed.

Any of the above varieties:

Tr. pkt., 40c; ¼ oz., \$1.25; oz., \$4.00.

**SWEET PEAS****ZVOLANEK'S EARLY MULTIFLORA VARIETIES**

Six to seven blooms are not uncommon under proper cultivation. Extremely vigorous vines with long, sturdy stems. These strains bloom seven to eight days later than most regular Early Flowering Sweet Peas. Therefore, replacement of Early Flowering varieties by these Multiflora varieties should be considered.

Easter Parade. Pure white, white seeded.

Geo. J. Ball. Deep coral-salmon.

Lavender. Large clear lavender.

Orange Cerise. Extra large flowers.

Rose. Fine commercial color.

Salmon-Pink. Large salmon-pink.

Whirlwind. Large, light rose.

White. Pure white. Long, strong stems.

Multiflora Mixed. Full color range.

Prices of above: ½ oz., 50c; oz., 75c; ¼ lb., \$2.50;
lb., \$8.00.

CUTHBERTSON TYPE SPENCER**Spring Flowering**

This is an intermediate flowering group and best for late spring bloom where some heat resistance is required, and large flowered.

Billy. Light carmine.

Daisy. Black seeded white.

Carol. Rose-pink, cream ground.

Coline. Scarlet.

Evelyn. Light pink.

Frank G. Lavender.

Jennie. White.

Jimmy. Bright scarlet.

Lois. Rose-pink.

Tommy. Mauve-blue.

Mixture all Colors.

Prices all above: 1 oz., 50c; ¼ lb., \$1.50; 1 lb., \$4.50.

EARLY FLOWERING SPENCER VARIETIES

These are all exceptionally large-flowered and long-stemmed.

American Beauty. Crimson-rose.

Ball Orange. Clear orange.

Burpee's White. White seeded.

Cascade. Pure glistening white.

Daphne. Soft salmon-pink.

Fiesta. Orange-cerise.

Harmony. Clear lavender.

Hope. Black-seeded white.

Laddie Improved. Rose.

Mrs. H. S. Raddick. Salmon.

Princess Blue. Rich belladonna-blue.

Shirley Temple. Rose-pink.

Sequoia. Rich cerise.

Top Hat. Deep bright violet-blue.

Triumph. Lilac-mauve.

Twilight. Giant lavender.

White Harmony. Black-seeded.

Early Flowering Mixed.

Prices all above: 1 oz., 50c; ¼ lb., \$1.50; 1 lb., \$5.50.



Verbena

VERBENA Hybrida Grandiflora

A magnificent strain of robust, compact habit and free blooming. One of the most colorful and showy plants for bedding, window boxes or combinations. Seed should be sown in a soil temperature of 65° to hasten germination which is sometimes slow. Once established, 50° nights suits them nicely, but be sure to pinch them early to avoid straggly growth.

Beauty of Oxford Hybrid. Beautiful rose-pink.
Lavender Glory. Variable in color. Blue with white eye.
Luminosa. Fiery pink shading to salmon.
Spectrum Red. Intense bright red.
Sutton's Blue. Large flowered deep royal blue.
Vivid. Very bright sunproof scarlet-red.
White. Fine.
Grandiflora Mixed.

Prices of above varieties:

Tr. pkt., 40c; ¼ oz., \$1.00; oz., \$3.50.

Verbena Bush Type

Dense flower heads are closely massed across the flat-topped plants. Grow 8 to 10 inches high.

Firelight. New vivid solid red.
Roselight. New bright rose, white eye.
Salmon Queen. New brilliant salmon-pink.
Snow-White. New snowy white.
Starlight. New brilliant blue, cream eye.
Bush Type Blend. Mixed.

Prices of Above Varieties:

Tr. pkt., 40c; ¼ oz., \$1.00; oz., \$3.50.

FLORISTS' ZINNIAS**Bodger's "Gold Medal" Zinnias for Cut Flowers and Garden**

By sowing outdoors in May and as late as August 1st, in well enriched soil and protected with water, they can be had in fine shape right up to frost.

ZINNIAS**Giant Double Dahlia-Flowered**

The plants are of medium height, 2½ to 3 ft., very robust, bearing many strong stems of the fully double, huge flowers which resemble the show type of Dahlia.

Lavender and Purple

Dream. An attractive lavender.
Purple Prince. Deep rich purple; large-flowered.

Pink and Rose

Exquisite. Fine, light rose with deep cerise center.
Illumination. Deep rose, dark center. Darker than Exquisite.
Luminosa. Bright pink suffused with salmon.

THUNBERGIA - Black-Eyed Susan

A climbing vine which forms a dense mat of foliage covered with bright colored flowers with showy black centers. Excellent for ground cover, hanging baskets or window boxes. Tr. pkt., 30c; ¼ oz., 50c; oz., \$1.75.

TORENIA

Fournieri. Excellent pot or bedding plant producing attractive blue flowers with violet blotches. Tr. pkt., 40c; ¼ oz., \$1.25; ½ oz., \$2.25.

TITHONIA

4 feet

Torch. Torch is easy; it grows as easily as a Zinnia—thrives on hot weather. It is orange-red; blooms from August until frost. Tr. pkt., 35c; ¼ oz., 75c; ½ oz., \$1.25.

TRITOMA - Red Hot Poker

Tr. pkt. ¼ oz.

Hybrida Mirabilis. Blooms first year . . . \$0.35 \$0.75

VERONICA (Speedwell)

(Perennial)

Spicata Mixed. Fine for bouquets. Tr. pkt., 30c; ¼ oz., 75c.

VINCA ROSEA (Periwinkle)

This seed should be sown early to secure salable plants for spring.

	Tr. pkt.	¼ oz.	Oz.
Rosea Alba. White, rose center . .	\$0.25	\$0.60	\$2.00
Alba Pura. Pure white . . . . .	.25	.60	2.00
Rosea. Pink . . . . .	.25	.60	2.00
Mixed . . . . .	.25	.60	2.00

VINCA (Dwarf)

Little Pinkie. The first dwarf Vinca, growing about 10 to 12 inches tall, rose-pink. Tr. pkt., 35c; ¼ oz., 75c; ½ oz., \$1.25; oz., \$4.50.

VIOLA (Tufted Pansy)

Cornuta. Miniature Pansies. Extra free-flowering and effectively used for bedding. Perfectly hardy.

Firmament. Free blooming, clear sky-blue. Tr. pkt., 60c; 1/16 oz., \$1.25; ¼ oz., \$2.25.

Arkwright Ruby. Ruby-crimson shading to terra cotta. Blue Perfection. Medium clear blue.

Chantreyland. Best pure apricot.
Lutea Splendens. Sulphur-yellow.

White Perfection. Pure white.

Choice Mixed Colors.

Each of the above 6 varieties: Tr. pkt., 50c; ¼ oz., \$1.25; ½ oz., \$2.00; oz., \$6.50.

Red and Scarlet

Crimson Monarch. Large-flowered, deep crimson-red.
Scarlet Flame. Bright scarlet.

Will Rogers. Loveliest, most brilliant scarlet-red.

White

Polar Bear. Large creamy white. Large-flowered Zinnia.

Yellow and Golden

Canary Bird. A bright, clear canary-yellow.

Golden Dawn. Clear golden yellow. Extra large.

Oriole. Orange and gold bicolor.

Mixed

Gold Medal Finest Mixed. A balanced formula mixture.

Prices all Dahlia-Flowered Zinnias, each: Tr. pkt., 30c; ¼ oz., 50c; 1 oz., \$1.50; 4 ozs., \$5.00; 1 lb., \$14.00.

Miss Universe. Deep full flowers, and in a complete color range. Ideal for cut flowers. Tr. pkt., 50c; ¼ oz., \$1.00; oz., \$3.00.

FLORISTS' ZINNIAS

(Continued from previous page)

ZINNIAS—Giant Cactus-Flowered

2 to 3 ft. This class, with its large informally curled and ruffled petals is rapidly increasing in popularity each year.

Eskimo. Large, loosely ruffled flowers open creamy white, turn to white as they mature. Tr. pkt., 35c; ¼ oz., 50c; oz., \$1.75.

Blaze. Outstanding for uniform doubleness of its fluffy gracefully quilled petals which reach 5 inches across. Mandarin-red flowers which soften to scarlet-orange. Tr. pkt., 35c; ¼ oz., 85c; oz., \$2.50.

Burpee Hybrids. Immense fluffy and ruffled flowers in a wide range of colors. The blooms grow up to 6 in. across and resemble giant Chrysanthemums. Tr. pkt., 30c; ¼ oz., 50c; oz., \$1.50; 4 oz., \$5.00.

Pride of Dieldrin. Here is a new giant Cactus-flowered Zinnia that genuinely glows with color. The scarlet flame center is surrounded by outer petals of bright golden orange, and the plants are both husky and most generous of bloom. Tr. pkt., 50c; ¼ oz., \$1.00; oz., \$3.00.

ZINNIAS—Double Lilliput

The Lilliputs are among the most popular Zinnias for cut-flower use. The flowers are small, compact, and symmetrical, on strong stemmed, 1½ to 2 ft. plants.

Canary Gem. Canary-yellow.	Rosebud. Rose-pink.
Crimson Gem.	Salmon Gem.
Golden Gem.	Scarlet Gem.
Lilac Gem.	White Gem.
	Lilliput. Pastel Mixture.

Prices of Above Varieties:

Tr. pkt., 30c; ¼ oz., 50c; oz., \$1.50; ¼ lb., \$5.00.

Elegans Pumila Dwarf Double (Cut-and-Come-Again)

A most desirable type for bedding as well as cut flowers. Flowers about 2½ inches across are freely produced on long stems. 24 inches.

Canary-Yellow.	Salmon-Rose.
Crimson.	Scarlet. Bright scarlet.
Pinkie. Rose-pink.	Snowball. White.
Elegans. Finest mixed.	

Tr. pkt., 30c; ¼ oz., 50c; oz., \$1.50; ¼ lb., \$5.00.



ZINNIAS—Miscellaneous Varieties

Gracillima (Red Riding Hood). Freely produces large numbers of small, bright crimson flowers. Fine for bedding. Tr. pkt., 25c; ¼ oz., 50c; 1 oz., \$1.50.

Linearis. A heat-resistant, free-blooming subject for edging and rock garden work. Compact (6-8 in.), early flowering, with single, bright orange flowers. Tr. pkt., 40c; ¼ oz., \$1.25; 1 oz., \$4.50.

Peppermint Stick. Medium-sized Pumila type flowers on tall, robust plants. Striped flowers in bright, mixed colors. Tr. pkt., 40c; ¼ oz., 75c; 1 oz., \$2.25.

Persian Carpet. 16 in. A greatly improved Haageana type Zinnia with well rounded form and over-all height of about 16 inches. Very floriferous, with all the natural assets of Zinnias—easy to grow, heat loving, and colorful. Tr. pkt., 50c; ¼ oz., \$1.25; 1 oz., \$4.50.

SUMMER FLOWERING BULBS

Bulbs wanted by parcel post, add postage at zone rate.

AMARYLLIS

(Large Flowering Hybrids)

These bulbs will make handsome pot plants for window display during the spring. Light and red shades, mixed.

Per 100
Select Bulbs. 3 inch\$36.00

CALADIUM - Fancy-Leaved

Choice dormant bulbs for February and March delivery. Our mixture of named sorts is probably the best to be had.

Fine assortment of highly colored, separate named varieties:

Per 100
No. 1, 1½ to 2 inches\$17.00

CALADIUM ESCULENTUM— Elephant's Ear

Much used for bordering Canna beds.
Per 100
Selected Size Bulbs. 7 to 9 inches\$18.00
Extra Large Bulbs. 9 to 11 inches 26.00



Caladium. Fancy-Leaved

HARDY LILIES

8-9 inch circumference.

Regale (Regal Lily). Large, trumpet-shaped ..	\$20.00
Speciosum rubrum. Beautiful white flowers suffused rose and spotted crimson	25.00
Tigrinum (Single Tiger Lily). Orange-red ...	16.00
Umbellatum , Orange Triumph	20.00

Per 100

SUMMER FLOWERING BULBS

CANNAS

Large Flowering Dormant Roots Ready for February 1st

Our Canna roots are strong and healthy. The varieties listed below have proven indispensable where large exhibition showings are needed.

City of Portland. Deep pink. Green foliage. 3½ feet. Extra good flowers.

Red King Humbert. Scarlet flowers; bronze leaves.

Rosemond Cole. A beautiful crimson with yellow edge. Height 3½ feet; green foliage.

Yellow King Humbert. 4 feet. Flower is a deep rich yellow, softly spotted and blotched with bright red. Some plants occasionally give a scarlet or scarlet striped flower.

The President. 4 feet. This immense flaming scarlet is extremely popular. Double flowering, rich red clusters. Heavy green foliage.

Prices—All above Cannas: Per 100, \$6.50; per 1000, \$60.00.

Indiana. 4½ ft. Green foliage, large trusses of coppery orange flowers. A profuse bloomer. **Per 100, \$7.50.**



Begonias—Tuberous Rooted

BEGONIAS—Tuberous Rooted

Culture: The Begonia prefers partial shade and not too warm a place where they will give best results especially in wet summers. For cultivation in greenhouses, shade is necessary. Forcing can be started in February, March or April, depending on the time they should be in flower. The bulbs are placed in 4-in. pots

BEGONIAS DOUBLE CAMELLIA TYPE

The largest and most popular of the double forms. Individual flowers 5 to 8 in. in diameter. Nice for corsages and other cut-flower purposes. Cardinal-red, scarlet, rose, orange, light salmon, yellow, white, mixed.

Large bulbs, 2 in. diam. Per 100, \$21.00.

GLOXINIAS—California Grown

Bulbs ready Jan. to March.

Culture: Same as T. R. Begonias. Gloxinias are fit companions for the tuberous rooted Begonias and the fancy leaved Caladiums. Their richly colored flowers are most outstanding. We offer these in selected colors mixed.

Select bulbs, 1½ to 2 in. diam. per 100, \$23.00.



QUALITY GLADIOLUS BULBS

Gladiolus delivery can be made any time from January 15th to May 15th. Prices are subject to change. Bulbs furnished by us are produced in sandy loam ideal for their culture and are thoroughly cured before shipping.

Pink and Salmon Shades

	First Size	
	100	1000
Margaret Fulton. Fine coral-pink	\$3.00	\$26.00
Friendship. Lovely ruffled true pink ..	3.25	28.00
Spic and Span. Tall ruffled deep pink, with salmon shading	3.25	28.00

Lavender and Purple Shades

Elizabeth the Queen. Extra fine lavender, beautiful ruffled point bloom. Excellent commercial	3.25	28.00
King David. Outstanding tall bright purple. Superb cut flower	3.50	32.00

Red and Scarlet Shades

Red Charm. Early brilliant scarlet	3.50	32.00
Sans Souci. Rich scarlet-red with a small deeper red feathering in the throat ..	3.25	28.00
Valeria. Very large, light scarlet	3.50	32.00

White and Cream Shades

	First Size	
	100	1000
Florence Nightingale. Select white	\$3.40	\$30.00
June Bells. Fine pure white	3.25	28.00
Mother Fischer. Fine large ruffled white.	3.50	32.00

Yellow Shades

Hopman's Glory. Deep yellow	3.40	30.00
Yellow Herald. Amber-yellow with carmine in throat	3.40	30.00

Mixed

Florist's Superfine. Choice varieties ...	3.00	24.00
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5% DDT DUST

For the control of Gladiolus thrip and other sucking and leaf eating pests. Before planting Gladiolus bulbs, remove any loose husks, put bulbs in paper bag, add enough 5% DDT dust to completely coat the bulb surface. 1 lb., 69c; 5 lbs., \$2.00.

GARDEN AND LAWN FERTILIZER

A Necessity to All Growing Plants

The highest grade only. Guaranteed analysis. All f.o.b. St. Louis. Price subject to market change.

ACTIVO COMPOST MAKER

Soil energizer and compost activator. Builds soil to richness by direct application or by making better compost, quicker.

No. 2 Size, (approx. 2 lbs.)\$1.39
No. 7 Size, (approx. 6¼ lbs.) 2.95
No. 20 Size, (approx. 20 lbs.) 5.95

ADCO COMPOST MAKER

Make your own manure. Turn every bit of vegetable waste—leaves, weeds, cuttings, etc., from the garden, straw and cornstalks from the farm—into real manure without animals by the simple ADCO process. Instructions free. 5-lb. pkg., \$1.25; 20-lb. bag, \$3.00.

ARMOUR VERTAGREEN 5-10-5

Contains 5% nitrogen, 10% phosphorus and 5% potash, the three major plant foods, in addition to several other elements essential to successful plant germination.

Consumer's price		Dealer's price	
5-lb. pkg.,	\$0.65	10 5-lb. pkgs., case,	\$3.90
10-lb. pkg.,	1.15	5 10-lb. pkgs., case,	3.40
25-lb. pkg.,	1.80	4 to bale	4.76
50-lb. pkg.,	2.80		
100-lb., bag,	5.30	Per ton,	\$70.60

ARMOUR'S VERTAGREEN 10-6-4

A concentrated fertilizer for lawns, trees, shrubs and ornamental plants. For garden or lawn use. 100 lbs. for 50x100 ft. 80-lb. bag, \$4.50. Dealers, \$80.00 per ton.

ARMOUR'S VERTORGANIC

Containing 50% Organic (8-5-7)

Per ton Dealer's price	
80-lb. bag, \$5.05 bag	...\$84.00 \$3.36 bag
50-lb. bag, 3.30 bag	... 88.00 2.20 bag

ARMOUR'S 8-8-8

For turf, trees and shrubs. 80 lbs., \$3.25.

ARMOUR'S 12-12-12

A well balanced plant food for commercial growers for feeding field crops and grassland pastures. 80-lb. bag, \$4.00.

ALUMINUM SULPHATE

For making acid soil. Also used in benches that contain too much lime. 10 lbs., \$1.25; 100 lbs., \$4.75.

AMMONIUM NITRATE—32.5 % Nitrogen

80-lb. bag, \$5.60.

BIG CROP 4-12-4

A well balanced plant food for commercial growers for feeding and making potting soil. Use 5-inch pot for wheelbarrow of earth. For grain and Corn use 500 lbs. per acre. 80-lb. bag, \$2.75.

BONE MEAL 2-24-0

Best grade of steamed bone for general use. 2% nitrogen, 24% phosphoric acid. Used under glass or outside for nearly all plants. 25 lbs., \$2.50; 50 lbs., \$4.25; 100-lb. bag, \$6.75.

BORDEN'S 38 (38% Nitrogen)

Because of the constant release of nitrogen provided by Borden's 38, turf, ornamentals and flowers show luxuriant uniform growth. One application lasts all season. 25-lb. bag, \$9.50; 50-lb. bag, \$15.00.

CATTLE MANURE 2-1-2

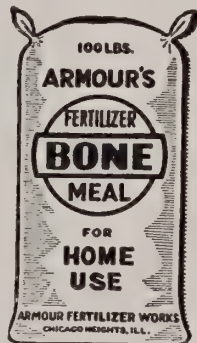
This is a very high grade material, heat dried, and free from straw, being all pure cattle manure. 50-lb. bag, \$1.65.

CHELATED IRON—SEQUESTRENE

For combating iron chlorosis troubles on Azaleas, Gardenias, Hydrangeas and Roses and occasionally on other plants. 1 lb., \$2.98; 5 lbs., \$7.50.

COTTON SEED MEAL (25% Nitrogen)

An organic fertilizer containing nitrogen, phosphoric acid and potash. A valuable fertilizer for acid loving plants. Will tend to keep the soil acid and supply plant food in one application. Apply at the rate of 5 lbs. per 100 sq. ft. 10 lbs., \$1.50; 25 lbs., \$2.50; 100 lbs., \$6.50.



DRIED BLOOD (13% Nitrogen)

For indoor culture of flowering plants, Roses, Carnations, etc., its chief element being nitrogen. One of the quickest acting fertilizers. Price, 10 lbs., \$2.25; 25 lbs., \$4.00; 100 lbs., \$12.00.

GYPSUM

Gypsum mellowes the soil and stimulates decomposition of organic material. Increased amount of plant food, made available to succeeding crops. 100-lb. bag, \$2.50.

HARDWOOD CHARCOAL

For mixing in soil in seed flats, cutting benches and pot plants. 50-lb. bag, \$4.50.

HORN DUST (13% Nitrogen)

Best used for mixing potting soil; quick acting. 50-lb. bag, \$12.50.

HORN SHAVINGS

25 lbs., \$7.50.

IRON SULPHATE

(Copperas, also Ferrous Sulphate)

For sweetening the soil. Useful for developing and maintaining rich dark green foliage on Azaleas. Dissolve 4 ozs. in 5 gals. of water. 10 lbs., \$1.00; 100 lbs., \$4.50.

LIME, HYDRATED

For sweetening the soil. Used to neutralize acid soil on lawns and gardens. Use 50 lbs. for 20x100 ft. 10-lb. bag, 60c; 50 lbs., \$1.50.

LIMESTONE, PULVERIZED

Use to correct soil acidity. An aid in releasing "locked in" plant nutrients. 50-lb. bag, 65c.

MAGNESIUM SULPHATE

10 lbs., \$1.00; 25 lbs., \$2.00; 100 lbs., \$6.50.

MANGANESE SULPHATE

5 lbs., \$1.00; 10 lbs., \$1.75; 25 lbs., \$3.00; 50 lbs., \$5.50.

MILORGANITE 5.5-4-0

A unique plant food, scientifically prepared, free from weed seed and all harmful organisms. For lawn and garden use 100 lbs. for 50x100 ft. 40-lb. bag, \$2.49; 80-lb. bag, \$3.89.

MURIATE OF POTASH—Potassium Chloride

The chief use of Muriate of Potash (62% Potash) is the stimulation of root growth. 10 lbs., \$1.25; 80-lb. bag, \$4.80.

NITRATE OF SODA (16% Nitrogen)

16 per cent inorganic nitrogen, readily soluble and quickly available for side or top dressing, or in liquid manures. 10 lbs., \$1.20; 25 lbs., \$2.25; 100 lbs., \$6.60.

PEAT MOSS, Horticultural Peat (Re-Peat) (Iowa)

Approx. 100-lb. bag, \$3.95.

PEAT MOSS, Horticultural (Canadian)

Adds organic matter, improves the texture, conserves moisture and aerates the soil. Gardeners use Peat Moss for packing and storing bulbs, such as Cannas, Dahlias, etc.

			Single Bale
¾ cu. ft.	10 bale lot	\$0.85 each	\$1.35 each
2 bu. size	4 bale lot	1.40 each	1.85 each
2/3 bale	10 bale lot	2.90 each	3.50 each
Large bale	10 bale lot	3.95 each	4.50 each

POTASSIUM NITRATE

Analysis: 16-0-45. 25 lbs., \$5.25; 100 lbs., \$15.00.

SHEEP MANURE 1.25-1-2

This is a pure, natural manure. It is excellent for mixing with the soil for greenhouse plants—one part manure and six parts soil. 50-lb. bag, \$1.65.

GARDEN AND LAWN FERTILIZER

A Necessity to All Growing Plants. All f.o.b. St. Louis. Prices subject to market change.

SULPHATE OF AMMONIA (21% Nitrogen)

Highly concentrated, quick acting. Particularly desirable for lawns and gardens. 10 lbs. covers 2500 sq. ft. or 50x50 ft. 25 lbs., \$2.25; 50 lbs., \$3.25; 80-lb. bag, \$4.50.

SUPER PHOSPHATE (20% Phosphoric Acid)

Used for Carnation soil and other crops requiring phosphoric acid. For grain and Corn use 500 lbs. per acre. 80-lb. bag, \$2.25.

SWIFT'S BLENN 4-16-16

A well balanced plant food for commercial use on grain crops, alfalfa, soybeans and legumes, and grass pastures. 80-lb. bag, \$3.85.

SWIFT'S BRIMM 6-24-24

Especially adapted for soils and crops needing additional potash. 80-lb. bag, \$4.50.

TRI-GEN ROSE FOOD (5-10-5)

Organic

A 5-10-5 Rose food made from organic (long lasting) and inorganic (quickly available) materials:

	Dealers	Consumers
5-lb. bags, 10 to case,	\$7.50 case	\$1.25 bag
10-lb. bags, 5 to case,	6.75 case	2.25 bag

UREA (44% Nitrogen)

DuPont fertilizer compound for top or side dressing or by foliage application through leaves. 80-lb. bag, \$7.00 each.

RECOMMENDED APPLICATION OF COMMON FERTILIZER MATERIALS

Name of Material	Analysis: Nitrogen— Phosphorus— Potash	Rate of Application	
		Dry	Liquid
Ammonium Sulphate	20-0-0	1 lb. per 100 sq. ft.	1 oz. per 2 gal.
Nitrate of Soda	16-0-0	1 lb. per 100 sq. ft.	1 oz. per 2 gal.
Dried Blood	13-0-0	2 lbs. per 100 sq. ft.	Insoluble
Superphosphate	0-20-0	5 lbs. per 100 sq. ft.	Insoluble
Muriate of Potash	0-0-60	1 lb. per 100 sq. ft.	1 oz. per 2 gal.
Iron Sulphate	0-0-0	1 lb. per 100 sq. ft.	1 oz. per 2 gal.

VIGORO COMPLETE FERTILIZER

VIGORO REGULAR (6-10-4)

Vigoro contains all the major and minor elements needed for plant growth.

Available

6% Nitrogen	4% Potash	10% Phosphoric Acid
Consumer's price	Dealer's price	
1-lb. pkg., \$0.15.	32 1-lb. pkgs. to case,	\$3.42
5-lb. pkg., .60.	12 5-lb. pkgs. to case,	4.87
10-lb. pkg., 1.10.	6 10-lb. pkgs. to case,	4.50
25-lb. pkg., 1.75.	4 25-lb. pkgs. to bale,	5.36
50-lb. pkg., 2.75.	per ton,	\$84.80

VIGORO, AZALEA and CAMELLIA SPECIAL

Acid base, 6-8-8. Complete plant food. 5 lbs., 58c; 10 lbs., \$1.05; 25 lbs., \$1.90.

GOLDEN VIGORO (6-10-4)

A revolutionary new lawn food that will not burn grass.

Recommended rates of application—
Established lawns with high fertility—2 lbs. per 100 sq. ft.
50-lb. bag, \$3.75. Dealer's cost per ton, \$124.80.

VIGORO ROSE FOOD (6-10-4)

After plants are established, feed early spring, early summer and in late fall when Roses are prepared for winter. 3 lbs., 99c; 15 lbs., \$2.98.

WATER-SOLUBLE FERTILIZERS

ITEMS WANTED BY PARCEL POST ADD POSTAGE AT ZONE RATE

HOZON (for applying liquid fertilizer) is a proportioner for applying soluble fertilizers and chemicals. Simply connect between water faucet and hose. Each \$1.75.

FERRO FTE (Fritted Trace Elements)

One pound treats 400 square feet of lawn or garden area. Now a new scientific development brings you these trace elements in a safe, easy-to-use, long lasting form called FTE. It contains iron, manganese, copper, zinc, boron and molybdenum.

	Number to Case	Dealer Cost	Suggested Consumer
1-lb. cans	12	\$ 7.20 case	\$ 1.00
5-lb. bags	6	11.10 case	2.95

HYPONEX 7-6-19

A scientifically compounded mixture of chemicals in dry form which, when dissolved in water, yields a nutrient solution which is capable of supplying all the essential elements in a properly balanced form necessary for vigorous plant growth.

2/3-oz. size	\$0.15	Ctn. of 48	...\$4.80
2-oz. size ..	.29	Ctn. of 36	... 6.96
5-oz. size ..	.59	Ctn. of 24	... 9.44
10-oz. size ..	1.00	Ctn. of 12	... 8.00
2 lbs.	2.45	Ctn. of 6	... 9.80
10 lbs.	6.00	25 lbs.	12.00
50 lbs.	19.00	100 lbs.	30.00

NEW PLANT LIFE 2-1-2

A very popular liquid fertilizer. Used for house plants, also in greenhouses.

3-oz. bottles	\$0.29	Ctn. of 24	...\$4.64
8-oz. bottles	.59	Ctn. of 24	... 9.44
Gal. bottles	.....	.....	4.00

INSTANT VIGORO 20-10-15

For foliage feeding (leaf spray) of lawns and trees. For regular feedings of house plants and window boxes.

	Number to Case	Dealer Cost	Suggested Consumer
8-oz. can	24	\$11.52 case	\$ 0.80
16-oz. can	24	16.27 case	1.13
3-lb. can	12	21.30 case	3.00
25-lb. drum	1	8.75 each	13.35
50-lb. drum	1	16.00 each	



PLANTABBS 11-15-20

Contains Vitamin B1. Plantabbs supply a complete balanced plant food.

36 \$0.19 size	20 tablets, case	.....\$4.10
24 .39 size	50 tablets, case	..... 5.62
12 .59 size	90 tablets, case	..... 4.25
6 1.00 size	200 tablets, case	..... 3.60
1 3.50 size	1000 tablets, case	..... 2.10

RA-PID-GRO 23-21-17

Soluble fertilizer for feeding either through soil or leaves.

	Case	Dealer Cost	Suggested Consumer
2-oz. env.	36	\$ 5.40 per case	\$ 0.25
6-oz. env.	24	7.20 per case	.50
8-oz. size	24	10.80 per case	.75
1-lb. size	12	9.36 per case	1.30
2-lb. size	12	18.00 per case	2.50
5-lb. size	6	17.10 per case	4.75
10-lb. size	4	21.60 per case	9.00
25-lb. bag	2	25.20 per case	21.00
25-lb. drum	1	13.50 each	22.50



Starting Seeds: Perfect air-moisture control for speedy, dense root growth.

Rooting Cuttings: If you do rooting from cuttings you'll be amazed how quickly they develop.

Storing Bulbs: Ideal for this use; keeps bulbs firm and plump, prevents rotting.

TERRA-LITE (VERMICULITE) New Growing Medium

	Dealer Each	Consumer Each
4-qt. bag	12 \$2.64 bale	\$0.39
1/2-bu. bag	6 2.85 bale	.89
2-bu. bag	1 1.20 bag	1.85
3 1/5 bu.	1.55	2.25

PERMALITE

Perlite soil conditioner also used for propagation of cuttings and starting of seeds. 26-lb. bag, \$1.55 each.

PERL-LOME

A specially processed form of perlite, a volcanic mineral for soil conditioning, propagation of cuttings and starting of seed. 18-lb. bag, \$1.75.

INSECTICIDES (FUNGICIDES, see pages 32, 33)

NOTE: All prices listed are subject to change. To the best of our knowledge, prices on supply items in this catalog conform to existing price established as of the date this catalog was issued.

NON-WARRANTY: Seller makes no warranty of any kind, express or implied, concerning the use of these products. Buyer assumes all risk of the use of handling whether in accordance with directions or not.

SUPPLIES BY PARCEL POST ADD POSTAGE

AFRICAN VIOLET AEROSOL

Contains Pyrethrins, Rotenone, Piperonyl Butoxide. Controls microscopic sucking insects on African Violets, Ivy, Ferns, Philodendron, Rubber Plants, etc.

6-oz. bomb\$0.89 Case of 12\$6.40

ARAMITE—15% Wettable

Controls such mites as the Citrus Red Mite, Clove Mite, European Red Mite, Pacific Mite and Two-Spotted Mite on Apples. 4-lb. bag, \$3.20; case of 12 4-lb. bags, \$33.12.

ARSENATE OF LEAD

For spraying or dusting. A poison for controlling most leaf-eating pests. 1 lb., 85c; 4 lbs., \$1.60; case of 12 4-lb. bags, \$14.40.

BLACKLEAF 40—New Improved

2 ozs., \$1.19; 24 per case\$17.13
6 ozs., 2.39; 12 per case 17.20
12 ozs., 3.49; 6 per case 12.56

CHLORDANE 6% DUST (Du Pont)

For control of many garden and lawn pests such as ants, cutworms, chiggers, slugs, snails, grubs, etc. Also, for cockroaches, silverfish, carpet beetles, etc.

1-lb. can\$0.79 Case of 24\$11.85
3-lb. bag 1.50 Case of 8 7.50

CHLORDANE—40% Wettable Powder

A very effective stomach poison for a few chewing pests that are resistant to DDT. Extremely effective in the control of grasshoppers. 4 lbs., \$2.40; case of 12 4-lb. bags, \$23.04.

CHLORDANE LIQUID (Stauffers)

43% Chlordane Emulsifiable. For control of chiggers, ticks, lawn moths, etc. Gal., \$6.00.

CHLORDANE—72% Emulsifiable

8-oz. bottle\$2.25 16-oz. bottle \$3.95

CHLOROBENZILATE—25% Wettable Powder

Excellent control of red spiders and resistant mites on Roses, Spruce, Hemlocks, Azaleas, Ilex and nursery stock has been obtained. 4-lb. pkg., \$5.00. Case of 12 4-lb. bags, \$52.80.

CHLOROBENZILATE—25% Emulsifiable Liquid

A new material giving excellent control of red spider, including the resistant variety, on Roses and other ornamentals. Gal., \$9.65

CYANOGEN G-FUMIGANT (Calcium Cyanide)

Excellent to control white fly, mealy bugs, leaf tyers and many other hard to control insects. Use ¼ oz. per 1000 cu. ft. 5-lb. cans, \$4.25; 25-lb. cans, \$13.75.



DDT 50%—Wettable

A wettable powder containing 50% DDT which mixes readily with water and can be used for spraying crops. Recommended dosage for horticultural crops is 1 to 2 lbs. per 100 gallons of water. 4-lb. pkg., \$1.50; case of 12 4-lb. bags, \$14.40.

DDT 25%—Emulsifiable

This powerful contact and stomach poison is useful against many pests, including thrips, leaf rollers, leaf hoppers, white fly. 1 gal., \$2.50.

DDT DUST—5%

For dusting plants. Also used in storing Gladiolus bulbs as a protection against thrip.

1 lb.\$0.69 5 lbs.\$2.00

DIELDRIN 1.5 E LIQUID

Dieldrin is a long residual insecticide. While it prevents insect damage to your landscaping, Dieldrin also destroys nuisance pests, like mosquitoes, chiggers and fleas, that live in grass and shrubbery around homes and recreational areas. Gal., \$6.75.

DIELDRIN—50% Wettable

Useful for thrips, grasshoppers, ants, crickets, spittlebugs, and many soil insects. 2-lb. bag., \$4.00.



DIELDRIN—Granular

New dustless 5% Dieldrin Granular insecticide for control of many turf, lawn and soil insects.

1 lb.\$1.19 4 lbs.\$3.89

DU PONT FLORAL DUST

For Roses and other flowers, too. Contains "Fermate" and sulphur for black spot, powdery mildew, rust of Roses and many diseases of other

flowers. Also contains methoxychlor and rotenone for Japanese beetles, Rose chafers, aphids and many other insects. 1 lb., \$1.35; 3 lbs., \$2.95.



DU PONT FRUIT TREE SPRAY

Recommended for control of many insects and fungous diseases affecting Apples, Peaches, Cherries, Pears, Plums, Quince, Strawberries, Currants, Gooseberries. One pound makes about 13 gallons of spray. 1 lb., \$1.25; 3 lbs., \$2.95.



DU PONT SPREADER-STICKER

Effective and economical wetter, spreader and sticker. We recommend its use with all sprays for greater efficiency.

Pint cans (1 lb.) ...\$1.40 Gal. cans (8 lbs.)\$7.95

D-X INSECT SPRAY

A rotenone, pyrethrum, cyclonene spray non-poisonous to man that kills practically all the sucking and chewing insects that attack flowers, fruits and vegetables.

1-oz. bottle\$0.39 1-qt. can\$ 5.50
4-oz. can 1.00 1-gal. can 14.00
½-pt. can 1.75

DU PONT VEGETABLE GARDEN DUST

Safe to use close to harvest. Contains "Parzate" fungicide, a safe control for blights of Tomatoes, Potatoes, downy mildew of Squash, Melons and Cucumbers. Contains methoxychlor and rotenone for control of Bean beetle, Cabbage worms, Potato beetle, Japanese beetle and many other insects. 1 lb., \$1.35; 3 lbs., \$2.95.

END-O-PEST

Easy to use End-o-Pest. It comes in an efficient exclusive dust gun package. Just a few quick strokes produces a thin cloud of dust.

8-oz. applicator gun ..\$1.19 12 to case\$9.58

END-O-PEST ROSE DUST

The most complete protection against disease, insects and mites on Roses and other flowering plants. A complete fungicide, insecticide, aphicide and miticide in one package.

8-oz. gun\$1.49 12 to case\$12.00
16-oz. can 1.75 12 to case 14.00

ENDRIN

A very effective control for Cyclamen mite on African Violets, Begonias, Chrysanthemums, Cyclamen, Gloxinias, Snapdragons, and many foliage plants. Use at 1 to 400 with a spreader. Gal., \$12.00.

"EVER GREEN" GARDEN SPRAY

It kills many of the common varieties of both chewing and sucking insects. A Pyrethrum spray for aphids, leaf rollers, leaf hoppers, midges, tarnished bugs, white fly.

1 oz.\$ 0.40 Doz.\$ 3.10
6 ozs. 1.35 Doz. 10.50
Pint 2.90 Doz. 24.35
Gal. 15.90

INSECTICIDES — Continued

FUNGICIDES—See pages 32 and 33

FULEX PARATHION FUMIGATORS

Contains nearly double the burning material which gives a much better distribution of fumes.

2,000 cu. ft. fumigators, per carton of 24	\$11.50
5,000 cu. ft. fumigators, per carton of 24	14.50
10,000 cu. ft. fumigators, per carton of 24	17.00
20,000 cu. ft. fumigators, per carton of 24	26.00

FULEX APHID SMOKE

New Fulex greenhouse smoke fumigator for aphids, adult white flies and adult leaf tyers. Contains Lindane.

2,000 cu. ft. fumigators, per carton of 24	\$11.00
5,000 cu. ft. fumigators, per carton of 24	14.00
10,000 cu. ft. fumigators, per carton of 24	17.00
20,000 cu. ft. fumigators, per carton of 24	25.00

FULEX SPIDER-MITE FUMIGATOR

A simple smoke generator designed for use against greenhouse red spiders, two-spotted mites and some strains thereof resistant to Parathion.

2,000 cu. ft. fumigators, per carton of 24	\$11.50
5,000 cu. ft. fumigators, per carton of 24	14.50
10,000 cu. ft. fumigators, per carton of 24	19.00
20,000 cu. ft. fumigators, per carton of 24	31.00

FULEX NICOTINE FUMIGATORS

For use on greenhouse ornamentals only. Gives efficient results on greenhouse aphids and most thrips. Contains 14% Nicotine (Alkaloid).

10,000 cu. ft. unit size, carton of 12	\$ 9.60
20,000 cu. ft. unit size, carton of 12	16.20

KELTHANE—18.5 % Emulsion Concentrate

Most effective miticide. Safe to use on ornamentals, flowers, etc. Less toxic to animals than DDT. Recommended dilution 1 pint to 100 gallons of water. Via express only. 1-gal. jug, \$11.75.

KELTHANE—Wettable Powder

Gives high initial kill and long residual activity against most species of mites. Use 1 to 2 lbs. to 100 gallons of water. 4-lb. bag, \$4.50.

LINDANE—1 E Emulsifiable

Greenhouse and nursery plants, to control aphids, thrips, loopers, leaf rollers, plant bugs, white flies, leaf miners, flea beetles and diabrotica beetles. Also recommended for livestock barns, dairy buildings to control flies, roaches, ants and mosquitoes. Gal., \$7.50.

LINDANE—25 % Wettable

For Livestock Barns and Other Buildings. As a residual spray for control of flies, roaches, ants and mosquitoes, use at the rate of 10 pounds in 100 gallons of water. Apply to walls, ceilings, beams, window sills and other surfaces where flies come to rest. 1-lb. pkg., \$2.00.

MALATHON—50 % Emulsifiable

Considered much less toxic to humans than Parathion yet it will control practically the same insects. A spray for aphids, thrips, soft brown scale, mealy bugs, and non-resistant red spiders. Relatively non-poisonous. 1-oz. bottle, 59c; 4 ozs., \$1.25; 1 pt., \$3.50; gal., \$11.00.

MALATHON—25 % Wettable Powder

A spray for aphids, thrips, soft brown scale, mealy bugs, and non-resistant red spiders. 4-lb. bag, \$2.80.

MARLATE 50 POWDER

50% Technical Methoxychlor Wettable Powder. MARLATE 50 is effective in the control of Mexican Bean beetle, Asparagus beetle, Cucumber beetles, flea beetles, Japanese beetle, leaf hoppers on Beans, Cabbage worms and Melon worms. As a spray for the control of the above insects use 2 to 3 lbs. of MARLATE 50 per 100 gals. of water. 4-lb. pkg., \$3.25; case of 12 4-lb. pkgs., \$36.48.

NICO-FUME LIQUID

For spraying and fumigating under glass. 8-lb. tin, \$14.30; 40-lb. drum, \$72.00.

OMPA

A systematic poison which is absorbed into the plant through the stem and leaves. Recommended to control resistant red spiders which other materials have failed. Gal. can, \$14.75.

OPTOX (Formerly called Hitox)

A Pyrethrum-Rotenone spray. Optox is a contact insecticide as well as a stomach poison and may be used for the control of the chewing and sucking insects: aphids (plant lice), leaf hopper, thrips, white fly, leaf rollers, red spider, mildew and mealy bugs. 1-pt. can, \$2.00; 1-qt. can, each \$3.70; 1-gal. can, each \$12.00.



PARA-SCALECIDE

Para-Scalecide is a combination of Paradichlorobenzene and Scalecide, which makes a liquid application for Peach borers that is safe and effective on young or old Peach trees. 1/2 pt., 85c; qt., \$1.69; gal., \$3.98.

PARATHION—25 % Miscible

Controls a large number of pests. Leafrollers, moths, rootworms, cockroaches, white fly, mealy bugs, thrip, red spider, sowbugs and aphids. 1-gal. can, \$6.50.

PARATHION—15 % Wettable Powder

Dow Parathion 15% wettable may be used on Apples for the control of mites, red banded leaf roller, mealy bugs and woolly aphid, also for the control of mealy bugs, aphids, leaf tiers and mites on nursery stock and ornamental shrubs. Use at the rate of 1/2 to 1 1/2 lbs. per 100 gals. of water. 3 lb. pkg., \$1.95.

PARADOW CRYSTALS

Pure Paradichlorobenzene

Kills Peach tree borers. Best applied in fall but may be used in spring. Also useful to control slugs. 5 lbs., \$2.00; 25 lbs., \$7.50; 100 lbs., \$25.00.

PHOSDRIN

Phosdrin insecticide is a powerful new organophosphorus material that can be applied to crops close to harvest. DO NOT BREATHE SPRAY MIST. Gal., \$18.00.

PLANTFUME No. 103 SMOKE GENERATORS

For greenhouse use only. Active ingredient, 15% Tetraethyl Dithiopyrophosphate.

5,000 cu. ft. fumigator, per carton of 36	\$12.00
20,000 cu. ft. fumigator, per carton of 12	12.00

RED ARROW GARDEN SPRAY

(Pyrethrum-Rotenone.) Kills many varieties of both sucking and chewing insects on vegetables, flowers, fruits. 2 ozs., 69c; 4 ozs., \$1.19; pt., \$3.49.

ROTENONE DUST (Hammond's)

Controls Mexican Bean beetles and other chewing insects. 1 lb., 60c; 5 lbs., \$2.20.

SCALECIDE

Spray every fruit tree, shade tree, shrub and vine that drops its foliage in winter with Scalecide (1 to 40). Spray any time after the foliage is off in the fall or before the buds show in the spring, provided the temperature is warmer than 40 degrees. Qt., \$1.39; gal., \$3.25; 5 gals., \$13.50.

SEVIN 50-W

SEVIN works well in dilute or concentrate sprays. Growers in your area have tested SEVIN and found it outstanding for insect control. Use 1 to 2 lbs. of SEVIN 50-W per 100 gallons of regular spray, depending on the insect combination you need to control. Check the SEVIN label for specific insects. 5-lb. bag, \$6.30.

SLUG SHOT (Hammond's)

An old favorite dust, effective against leaf eating insects and diseases. Lb., 69c; 5 lbs., \$2.30.

SNAROL

Snarol—an attractive bait meal—will quickly rid your garden of cutworms, snails, slugs, sowbugs, earwigs and grasshoppers. Snarol is a ready prepared meal that you simply broadcast about plants and shrubs after you sprinkle them in the evening. Lb., 50c; 6 lbs., \$2.00; 50-lb. bag, \$13.00.

SPREADER-STICKER—DU PONT

(See Page 30)

TALC

Used as a filler in mixing insecticides and dusting. 50-lb. bag, \$2.50.

TARTAR EMETIC

For thrip on Glads and Onions. Use 2 ozs. with 8 ozs. brown sugar to 3 gals. of water or 4 lbs. with 16 lbs. brown sugar to 100 gals. of water. Lb., \$1.50; 5 lbs., \$1.35 per lb.; 25-lb. drum, \$1.15 per lb.

TDE (DDD)

For control of leaf hopper, thrip, Elm leaf beetle, etc. 4-lb. bag, \$2.75.



INSECTICIDES—Continued**FUNGICIDES—See pages 32 and 33****SUPPLIES BY PARCEL POST ADD POSTAGE****THE MODERN
SCIENTIFIC WAY WITH****LETHALAIRE**

Reg. U. S. Pat.-Off.

LETHALAIRE AEROSOL BOMBS

No.	Type	Each	Deposit
G-52 5%	TEPP	\$ 7.50	\$3.75
G-53 5%	DDT	9.50	3.75
G-54 10%	Parathion	9.00	3.75
G-57 5%	Dithion	9.00	3.75
G-60 10%	Aramite	12.00	3.75
G-61 10%	Aramite and Lindane	12.50	3.75
G-62 15%	Malathion	9.75	3.75
G-64 10%	Phosdrin	12.75	3.75
G-66 10%	Chlorobenzilate	10.25	3.75

Prepaid from factory in lots of 12.

(Above Aerosols in case lots of 6 cylinders—less 10% discount). Discount does not apply to cylinders.

*NOTE: The deposit on the bombs are refunded when they are returned to us prepaid.

TRITHION

New non-systemic, long residual organic phosphate insecticide for control of mites, aphids, scale insects, mealy bugs, white flies and leaf hoppers. 1 lb. to 100 gallons water. 5-lb. bag, \$7.50.

TEDION—25% Wettable Powder

Niagara's new long residual spray for control of red spider mite—used 1 lb. to 100 gallons water. 2-lb. bag, \$3.80; case of 12, \$42.00.

TREE TANGLEFOOT (Caterpillar Paste)

A sticky substance spread around the bark of trees to prevent creeping insects from climbing up the tree. 6-oz. can, 90c; 1 lb. \$1.50; 5 lbs., \$7.00.

TRI-GEN**For Aphid, Mildew, and Black Spot on Roses**

All-purpose spray that gives positive plant protection. Kills all insects (chewing and sucking), controls mildew and black spot.

Number to Case	Dealer Cost	Suggested Consumer
"E" kit (8 qt.) 10	\$12.00 case	\$ 2.00 each
"A" kit (16 qt.) 10	16.50 case	2.75 each
"B" kit (64 qt.) 5	19.50 case	6.50 each
"C" kit (32 gal.) 4	25.20 case	10.50 each
"D" kit (128 gal.) 1	24.00 each	36.00 each

FUNGICIDES**SUPPLIES BY PARCEL POST ADD POSTAGE****ACTI-DIONE PM—for Powdery Mildew**

Acti-dione Powdery Mildew Formula doesn't just stop the mildew from developing, it kills the existing growth of mildew, even when Roses are badly infected. 10.67-oz. pkg., \$1.70; case of 12, \$1.02 per pkg.

ACTI-DIONE RZ

Effective control for most lawn diseases. 1.6-oz. envelop treats up to 3,000 sq. ft., \$1.50 each.

AGRI-MYCIN 100

Antibiotic spray powder. 2.4-oz. bottle, \$2.25 each.

BORDEAUX MIXTURE (Dry)

For blight, mildew, rust, etc. Use for dry dusting or spraying. Dilute 1 pound to about 6 gals. of water. 1 lb., 65c; 4 lbs., \$1.60.

CAPTAN 50-W (Fungicide)

For leaf disease on Roses, Mums, Carnations, etc., and root rot, damping-off, rust and black spot. 2 lbs., \$2.00; 4-lb. bags, \$3.20; 5 bags, \$15.00.

COPPER SULPHATE—Blue Vitriol

10 lbs.	\$3.50	100 lbs.	\$23.00
25 lbs.	8.00		

D-WAX

Although D-WAX permits the transplanting of trees and shrubs at any time of year, it is, of course, true that best results will be obtained with D-WAX during favorable seasons for transplanting. Gal., \$2.50; 5 gals., \$11.50.

**LETHALAIRE SUPPLIES****Applicators for Bombs**

24-inch, each	\$7.00
36-inch, each	7.25
48-inch, each	7.50

WILLSON GREENHOUSE MASK

(WIG-G3FD). In cardboard carton complete with G-3FD canister for all Lethalaire Aerosols except Phosdrin G-64. Each, \$31.00.

WILLSON GREENHOUSE MASK

(WHG-H3FC). Complete with H3FC Canister for all Lethalaire Aerosols including Phosdrin G-64. Each \$24.75.

Extra Canisters G-3FD	Each	\$4.15
Extra Canisters H-3FC	Each	5.20
Rubber Gloves, Pair		1.60
Rubber Hoods		9.25

V-C 13 NEMACIDE

For controlling nematodes in greenhouse benches, seed flats, potting soil, etc. Write for leaflet. 8-oz. bottle, \$1.75; 2½-lb. bottle, \$6.00; 10-lb. bottle, \$20.00.

VAPOTONE

Contains tetraethyl phosphates. The organic insecticide that has been giving such spectacular results against red spider and aphids on Roses, Carnations, Gardenias, Mums, etc.

Gallon\$11.90

VOLCK, NURSERY

The scientific insecticide for nursery, greenhouse and garden. Controls scale insects. An oil spray used against mealy bugs, scale insects, red spider and white fly.

4 ozs.	\$0.39	Case of 24	\$6.24
Pint	.79	Case of 12	6.32
Gallon			2.85

ZINC SULPHATE

Used as a softener in arsenate sprays on foliage, such as Peach trees, susceptible to arsenical injury. Use 2 lbs. zinc sulphate and 3 lbs. hyd. lime to 100 gals. water. 1 lb., 35c; 5 lbs., \$1.25; 25 lbs., \$5.00.

**DU PONT TOMATO DUST**

Especially for control of Tomato blights and insects. Combines the safer insecticide, Du Pont methoxy-chlor, with famous Copper-A fungicide. Use as dust or spray. 2-lb. bag, \$1.49.

**DOWFUME FOR SOIL
FUMIGATING**

(Cannot Be Sent Parcel Post)

**DOW'S METHYL BROMIDE
SOIL FUMIGANT**

A methyl bromide compound that has been found excellent to kill all weeds, weed seeds and soil insects including nematodes. It is used at the rate of 1 lb. per 100 sq. ft. applied under a gas proof cover, Visqueen Film or Sisalkraft. Permits planting with-

in 48 hours. 1-lb. can, \$1.00; case of 24 1-lb. cans, \$19.44. Jiffy Applicator with 20 ft. plastic tubing, \$5.25; with 10 ft. plastic tubing, \$4.25.

MC-2 TRIAL KIT

Contains 4 1-lb. cans of MC-2 with Jiffy Applicator and 10 ft. tubing and a plastic cover 8 ft. by 16 ft. Complete Kit \$13.00.

SISALKRAFT

A most satisfactory and economical cover for sterilizing of soil and shading Pompons.

	Per roll		Per roll
4 ft. x 166 ft.	\$13.35	6 ft. x 166 ft.	\$20.00
5 ft. x 100 ft.	10.00	7 ft. x 142 ft.	20.00

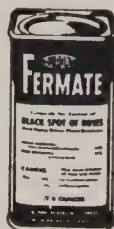
VISQUEEN FILM (See page 40)

FUNGICIDES—Continued

SUPPLIES BY PARCEL POST ADD POSTAGE

FERMATE—Fungicide (Ferbam)

This new fungicide which has been thoroughly tested gives remarkable control of plant diseases, with safety to all plants. Reliable specific for black spot on Roses, leaf spot on Chrysanthemums, against all fungi and mildews. 1/2-lb. pkg., \$1.00; doz., \$8.00; 3-lb. pkg., \$2.00; case of 12 3-lb. pkgs., \$21.00.



FISH OIL SOAP

For use as a spreader in using spray materials. Also as a wash on various plants for cleansing foliage. With nicotine sprays use 3 to 5 lbs. to 50 gals. of water. 25-lb. pail, \$10.00.

FLOWERS OF SULPHUR

A powder used to check mildew, dry rot and other fungous diseases. 5 lbs., 75c; 10 lbs., \$1.20; 50-lb. bag, \$3.50.

GRAPE and ROSE DUST (Hammond's)

Basically a microfine sulphur compound useful to control blights, powdery mildew and black spot. 1 lb., 65c; 5 lbs., \$2.30.

KARATHANE MILDEX

A wettable powder for controlling powdery mildew on Roses and other greenhouse crops. Combines effectively with Aramite as a spray for both mildew and red spider. 3 lbs., \$5.50.

MANZATE—Wettable Powder

A fungicide that mixes well with water for control of major fungus diseases of Tomatoes and other vegetables. 3-lb. bag, \$3.60.

MBX SOIL FUMIGANT

New rapid setting fumigant. Especially toxic to nematodes, eel-worms, soil insects, millipedes, centipedes, pillbugs, etc. Permits replanting in 2 to 4 days. Water seal is only covering needed. 2 3/10 gals. to 1000 sq. ft. 5-gal. drum, \$19.00.

MBX SOIL FUMIGANT APPLICATORS

Highly satisfactory hand applicators. Adjustable for varied dosage. Will give years of service. Each \$25.00.

PANO-DRENCH

The new control for damping-off in greenhouses on flowers and ornamentals. Can be used instead of steam sterilization for control of certain fungi causing damping-off. Contains a dye so that the diluted solution can be easily identified. Pano-drench is easy to apply. 1 oz., each \$1.95; 4 ozs., each \$5.95; 16 ozs., each \$19.20.

PHALTAN 50-W

A fungicide for plant disease control. For septoria leaf spot, black spot, and powdery mildew. Use 1 lb. to 50 gallons water. 5-lb. bag, \$6.25.

SULPHUR MICO-FINE

Wettable Sulphur

More than 15 times finer than 325-mesh sulphur. Wets instantly and is the preferred wettable sulphur because of its fineness. Lb., 45c; 5-lb. bag, 90c; case of 10 5-lb. bags, \$7.00.

PARZATE POWDER

Du Pont fungicide for control of certain plant diseases and rust on Snaps and Carnations. 3-lb. bag, \$2.75; case of 12 3-lb. bags, \$30.00.

PHYTOMYCIN

Antibiotic spray powder for control of plant diseases, such as fire blight on Apples and Pears, also bacterial leaf spot on Tomatoes and Peppers. 6.4-oz. bottle, \$6.50; 32-oz. bottle, \$25.00.

SULPHURON

Du Pont Wettable Microfine Sulphur. 6-lb. bag, 85c; case of 8 6-lb. bags, \$5.50.

SULFOCIDE

A sulphur fungicide for fruits, vegetables and flowers. Use 1 qt. to 50 gals. water. Add spreader. 1-gal. can, \$4.00; 1-qt. can, \$1.75.

TERRACLOR W.P. 75%

Controls Rhizoctonia stem rot by inhibiting growth of the fungus responsible. Also controls certain broad leaf weeds. For soil drench, mix 1 lb. per 100 gallons of water, to treat 400 sq. ft. of greenhouse bench. 5 lbs., \$4.20; case of 10 5-lb. bags, \$40.00.

VAPAM FUMIGANT (Stauffers)

Vapam has proven highly effective in the control of weeds and weed seeds, nematodes and soil fungi. Write us for leaflet. 1-gal. jug, \$4.50; 5-gal. drum, \$18.00.

WILT-PRUF

Wilt-Pruf is a liquid plastic. When plant materials are sprayed or dipped in Wilt-Pruf they are enclosed in a colorless protective plastic film. 6 ozs., \$1.00; qt., \$3.50; gal., \$10.00.

ZERLATE (Ziram)

A useful fungicide for many leaf spot diseases, rusts, stem rots, and damping-off. Most satisfactory when applied as a preventive. 3-lb. bag, \$2.25; case of 12 3-lb. bags, \$25.20.

FUNGICIDES FOR SEED, GRAIN, BULBS

ARASAN

For Corn, Peanuts and certain vegetables. Reduces seed decay and damping-off for treating all your seeds. 3/4 oz.\$0.25 8 ozs.\$1.00

NEW IMPROVED CERESAN

New improved "Ceresan" seed disinfectant is highly effective as a dip treatment for control of bulb rots of Gladiolus. 1-lb. can, \$1.95.

CERESAN M

For Wheat, Oats, Barley, Rye and Peas. 14 ozs. ...\$1.60 3-lb. can ...\$4.45

SEMESAN

Used as a dust or in solution with water for treatment of seeds, corms, bulbs and seedlings. Reduces seed rotting and damping-off. 12-oz. can\$3.40

SEMESAN BEL

For Irish and Sweet Seed Potatoes. A dip disinfectant for seed Potatoes. One pound treats from 60 to 80 bushels. 3 ozs.\$1.05 1 lb.\$3.30

TERSAN 75

A DuPont fungicide for golf and lawn turfs, will prevent large brown patch and dollar spot. 3-lb. bag\$6.75

ANIMAL AND PEST CONTROLS

	Number to Case	Dealer Cost	Suggested Consumer		Number to Case	Dealer Cost	Suggested Consumer
BLACK LEAF WARF—Ready Mixed Rat and Mouse Killer				MOLE NOTS—For Control of Moles			
1-lb. carton	12	\$ 7.84 case	\$0.98 each	1-oz. pkg. (8 nots)	12	\$2.80 doz.	\$0.35 pkg.
4-lb. carton	6	11.92 case	2.98 each	6-oz. pkg.	6	4.00 carton	1.00 pkg.
CYANOGLAS "A"—For Rats, Mice and Moles				MOUSE NOTS—Mice Killer			
1-lb. cans	6	4.50 case	1.25 each	35c pkg. (9 nots)		2.80 doz.	.35 pkg.
5-lb. cans	1	2.85 each	4.25 each	NIBONEX NO NIB'L Rabbit Repellent			
25-lb. pail	1	10.30 each	13.75 each	May be used as dust or spray.			
CYANOGLAS FOOT PUMPS with Glass Jar Reservoir				6-oz. can	12	8.00 doz.	1.00 each
1 to carton		11.25 each	15.00 each	PAKET MOLE BAIT			
DOGZOFF				1 1/4 ozs.	12	2.80	.35
6-oz. bottle	12	8.00 case	1.00 each	6 ozs.	12	8.00	1.00
12-oz. Aerosol	12	18.00 case	2.25 each	PICO DOG REPELLENTS			
MO-CO—Kills Moles, Gophers				Pkgs. of 9	12	8.00 doz.	1.00
Trial size	12	3.60 case	.50 each	RAT NOTS—Red Squill Rat Killer			
3 1/2-oz. can	12	7.20 case	1.00 each	35c pkg. (9 nots)		2.80 doz.	.35 pkg.
1-lb. can	12	30.00 case	3.75 each	RIDZ DOG REPELLENT—Aerosol			
				12 ozs.	12	10.73 case	1.49 each

PLANT HORMONES

BLOSSOM SET, NO SEED HORMONE, Aerosol Bomb

Ready to use. Contains 12 ozs., enough for 100 plants. Retail at \$1.79; per case of 12, \$12.88.

COLOR-SET

Color-Set has been found effective on all Apple varieties. Color-Set will control the fruit drop and improve fruit color. 1/4-pt., 90c; case of 24, \$15.84.

DORMATONE

Hormone Sprout Inhibitor

12-oz. can, \$1.00; case of 24, \$16.00.

FRUITONE

A hormone spray for the stopping of pre-harvest drop of fruit and the retention of flowers, leaves and certain berries. Use 1 teaspoonful to 1 gal. of water or 2 ozs. to 25 gals. 2 ozs., \$1.25.

ROOTONE No. 10

Made especially for hard to root woody cuttings. Easy to use. Just dust on plant. 2 ozs. treats up to 3000 cuttings, 1 lb. up to 40,000. 2-oz. jar, \$2.25; 1-lb. can, \$10.00.

ROOTONE

An aid in stimulating root growth. For use on seeds, cuttings or bulbs. 1/4 oz. treats 400 cuttings, 2 1/2 lbs. of seed or 100 bulbs. 2 ozs. treats up to 3000 cuttings, 20 lbs. of seed or 800 bulbs. 1/4-oz. pkg., 35c; ctn. of 24, \$5.04. 2-oz. jars (up to 3000 cuttings) \$1.25 each; doz., \$9.00. 1-lb. pkg. (up to 30,000 cuttings), each \$5.00.

TRANSPLANTONE

Stimulates roots of plants, shrubs and trees. Invigorates and reduces loss in transplanting. Effective combination of Vitamins and Hormones. Water soluble. Use 1 teaspoonful to gallon of water. 1/2-oz. pkg., 35c; ctn. of 24, \$5.04. 3-oz. cans, \$1.25; doz. cans, \$9.00. 1-lb. cans, \$4.00 each.

HORMODIN POWDER

Reg. U. S. Pat. Off.

The Hormone Powder for rooting cuttings faster and better. Available in three strengths: No. 1 for house, garden and greenhouse plants; No. 2 for woody and semi-woody plants; No. 3 for evergreens and trees. Combination pkg. (No. 1, No. 2 and No. 3), 95c.

HORMODIN POWDER No. 1

1 1/4 ozs., 65c; 1-lb. tins, \$4.00.

HORMODIN POWDER No. 2

1 1/4 ozs., 95c; 1 lb., \$5.95.

HORMODIN POWDER No. 3

1 oz., \$1.30; 1/2 lb., \$5.95.

NITRAGIN

Inoculation promotes better quality and increases yields of Sweet Peas, Lupines, garden Peas, Beans. Home garden size, inoculates up to 8 lbs. of seed. Garden size, doz., \$1.92; each, 25c.

TOMATO FIX

For Early, Seedless Tomatoes

11-oz. bomb, \$1.50; case of 12, \$12.00.

8-oz. liquid, \$1.00; case of 12, \$8.00.

WEED KILLERS

Note: Weed Killers must be used with extreme care around the greenhouse. Equipment used in spraying weed killers should not be used for spraying plants.

AMMATE WEED KILLER

Controls poison ivy and other noxious weeds. Keeps walks and roads clear with little trouble. Non-poisonous, fire retarding, clean, odorless, effective. 3/4-1 lb. diluted in 1 gal. water will treat 100 sq. ft. 2-lb. bag, \$1.35; 6-lb. bag, \$3.50.

CRAG HERBICIDE

CRAG Herbicide-1 kills crab grass seeds as they sprout in late spring and early summer. Safe to use too—will not discolor lawn grasses. 4 ozs., \$1.50; 1 lb., \$4.49.

ESTERON BRUSH KILLER

Esteron Brush Killer contains a mixture of low volatility propylene glycol butyl ether esters of 2,4-D and 2,4,5-T. Having a high concentration of active chemicals, it gives control over nearly every type of brush. Three to four quarts in 100 gallons of water. Gal., \$9.00.

DOW ESTERON 245

Recommended for use in controlling herbaceous and woody plants resistant to 2,4-D. 2 to 3 quarts in 100 gallons of water. Gal., \$12.00.

DOW ESTERON WEED KILLER

Formula 44

Esteron 44 is a powerful 2,4-D weed killing formulation especially effective against many woody plants and certain hard-to-kill herbaceous weeds. Such plants as Alder, Aspen, Birch, Box Elder. 1-gal. can, \$4.50.

DOW SODIUM TCA 90% WEED KILLER

Dow Sodium TCA 90% offers a practical means of controlling noxious perennial grasses. This Dow weed killer will kill Johnson grass, Bermuda grass. 10-lb. can, \$5.25; 50-lb. drum, 45c lb.

2-4 DOW WEED KILLER 40

High in acid content and economical to use. It is ideal for low volume application. One pint treats 1 acre of small grains and grass seed crops; 2/3 pint treats 1 acre of Corn, Flax and Sorghum. 5-gal. drumsgal. \$3.90 1-gal. cansgal. 4.50

DOWPON

For control of annual grasses and established Johnson, Bermuda and other grasses in agricultural land. 5-lb. can, \$6.85; 50-lb. drum, \$57.50.

DU PONT LAWN WEED KILLER (2, 4-D)

For all broad leaf weeds. 8-oz. can, \$1.00; 32-oz. can, \$2.95.

END-O-WEED

Eight ounces of End-o-Weed treats 2000 sq. ft. of lawn. Kills dandelions.

1/2 pint (12 to case) \$1.19 pint\$10.00 case 1 quart (12 to case) \$2.98 quart 23.90 case Dealer Cost

C. W. K. CHICKWEED KILLER

Active ingredient Sodium Arsenate and Potassium Cyanate. For seedling chickweed dissolve 1 ounce in 2 gallons of water to treat 250 sq. ft. For mature chickweed double this quantity. 6-oz. can, \$1.00; 1 lb., \$2.00.

HAMMOND'S WEED KILLER

Weeds, poison ivy and all vegetation are easily killed with this highly concentrated (stands dilution with 40 parts of water), easy-to-use material. Simply mix with water, apply with sprinkling can and all vegetation withers and dies. Do not use on lawns. Qt., 98c; gal., \$2.69; 5 gals., \$10.00.

SIMAZIN 50W

Pre-emergence herbicide for general weed control. For weed control in nurseries one application of 5 lbs. per acre in at least 25 gallons water will give control for three months. 5-lb. bags, \$16.00; case of 10 5-lb. bags, \$142.50.

WEEDONE—NO CRAB

(Plus Weedone 2,4-D and Silvex)

Kills crab grass before it emerges. Kills dandelion, plantain, chickweed, Clover and many other turf weeds. Grub-proof the lawn. Apply from fall to late spring. 18-lb. bag treats 1,000 sq. ft., \$6.95.

IMPROVED WEEDONE—2, 4-D—2, 4, 5-T

Kills ugly broad-leaf weeds but will not harm common lawn grasses. Half-pint size will treat an area of 1600 square feet. Quart size will treat 6400 square feet.

1/2 pint. Each.....\$1.00 Case of 24.....\$14.40 Quart. Each..... 2.75 Case of 12..... 19.80

WEEDONE CRAB GRASS KILLER SODAR

4-oz. can\$1.25 Case of 24\$18.00 1-lb. can 3.50 Case of 12 25.20 2-lb. can 6.59 Case of 12 47.45

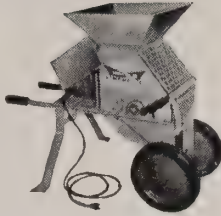
ZOTOX

Kills crab grass without permanent injury to lawn.

Size	Packed Per Case	Shipping Weight	Retail Each	Dealer Cost Per Case
8 ozs.	12	12 lbs.	\$ 1.00	\$ 7.20
16 ozs.	12	24 lbs.	1.50	10.80
32 ozs.	6	20 lbs.	2.50	9.00
5 lbs.	2	16 lbs.	4.50	5.40
30 lbs.	1	65 lbs.	22.50	15.75

KEMP POWER SOIL SHREDDERS

Designed to handle heavy compost under all possible conditions. Low in price, economical to operate. Saves labor and time. Available in three sizes. The machine pictured is the No. 6. A very reasonably priced machine for the small grower. Powered with 1/2 or 3/4 HP electric motor that can be plugged in any socket. Will handle all that one or two men can shovel.



MODEL No. 6

With 2 HP B & S Gas Engine, Model 6 B\$194.00
With 1/2 HP Heavy Duty Electric Motor, 1750 rpm, 3 ft. cord 198.00
With 3/4 HP Heavy Duty Electric Motor, 1750 rpm, 3 ft. cord 215.00
Rubber Tire Wheels add 10.00

KEMP SHREDETTE For Home Gardeners

Rubber Tires Standard Equipment on This Model

With 1 HP G.E. Elec. Motor, 3450 rpm.\$139.50
With 2 HP B & S Gas Engine, Model 6 B 139.50

MODEL No. SKO

Rubber Tires Standard Equipment on This Model

With 2 HP B & S Gas Engine, Model 6 B ..\$174.00
With 2 1/2 HP B & S Gas Engine, Model 8 B 180.00
With 1 HP Heavy Duty Elec. Motor, 3450 rpm, 3 ft. cord 199.50

SPRAYERS



DU PONT GARDEN HOSE SPRAYER

Du Pont Garden Hose Sprayers handle every garden spraying requirement. Only one sprayer is needed for all spraying jobs. Attaches to the garden hose and sprays any chemical that mixes with water. Features handy control valve and two separate nozzles for four separate sprays. Sprays up to 30 feet. Unit contains back siphonage protection.

Suggested prices, each\$4.95
Dealers (case) 1 doz. units\$37.10

PARAGON 353 POWER SPRAYER

PUMP. Delivers up to 1 1/2 gallons a minute.

POWER. 4-cycle 3/4 HP gas-line engine. Can also be furnished with electric motor at same price.

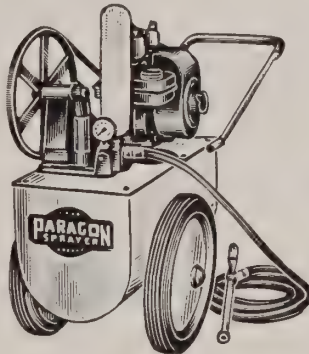
GUN. Easily regulated mist or 25-foot . . . 15 foot 3/8" spray hose.

AGITATOR. Double-bladed.

TANK. 15-gallon.

WHEELS. 14" rubber tired.

Dealer's Price, \$149.50.



PARAGON P-2061

30 gallon power sprayer complete with standard equipment, and 1 1/2 hp 4-cycle gas engine. Dealer's Price, \$190.50.



PARAGON No. 3-2W SPRAYER

Economical—
Durable—
Efficient

No. 3-2W. Standard equipment: 10-ft. special spray hose, 7 1/2 ft. spray pipe in 3 sections, 2 spray nozzles, all steel truck. Capacity 12 gals. with 2 wheels. Dealer's Price, \$43.50.

SMITH No. 23 G. F. RITESIZE

Funnel top for all spraying purposes. Capacity 2 gals., Armco steel tank. 5-ft. hose, extension rod, adjustable nozzle. Each \$9.75.

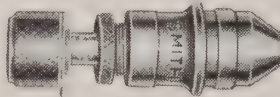


SMITH SPRAYERS

Made of heavy tin and Armco zinc-grip steel.

No. 3G. SPRAYER WITH GALVANIZED TANK. Capacity 1 qt. Each \$1.25.

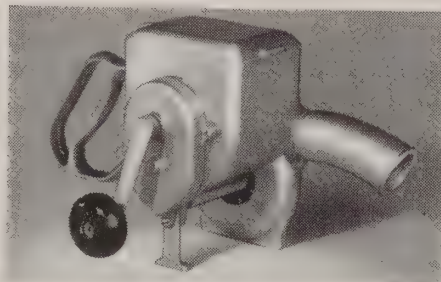
No. 10G. CONTINUOUS. Capacity 1 qt. Galvanized. Each \$1.90.



ADJUSTABLE NOZZLE

Throws broad fog mist, or long distance spray for trees. 1/4-inch pipe connection.

No. 147. Each\$1.75



PEST-MASTER GARDEN DUSTER

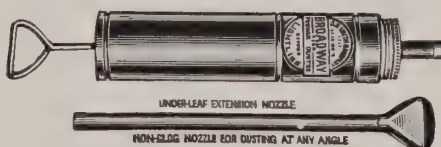
A medium size duster, holds 1 1/2 lbs. of insecticide. A fine duster for greenhouse or home garden. Each \$9.95.

BLIZZARD SPRAYERS

The finest and most attractive sprayer ever made. Has brass twin nozzle; seamless brass pump; highly polished copper tank. 1 qt. Blizzard, all brass, \$5.50.



Smith Blizzard Continuous Sprayer



SMITH No. 39 DUSTER

It is a very popular size for home gardens, and for dusting different kinds of powder insecticides. Each \$1.95.



SUPPLIES FOR THE GROWERS

All F.O.B.
St. Louis

PLANT BANDS

All F.O.B.
St. Louis

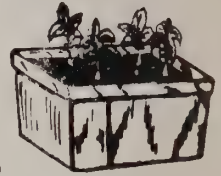
Grow All Your Plants, Seeds, and Cuttings This Modern Way

STAPLED WOOD PLANT BANDS

If in the market for 50,000 or over, write for special price. Sturdy plant bands made of Cottonwood, securely fastened with two wire staples for quick setup. All bands are packed 1000 to a case except 4x4x4 inch which are packed 500 to a case.

Size in inches	Weight per 1000	Per 1000	Size in inches	Weight per 1000	Per 1000
1 3/4 x 1 3/4 x 2 1/2	28 lbs.	...\$5.80	2 1/2 x 2 1/2 x 3	38 lbs.	...\$6.60
2 x 2 x 2	28 lbs.	...5.80	3 x 3 x 3	45 lbs.	...7.00
2 x 2 x 2 1/2	32 lbs.	...5.90	3 x 3 x 4	70 lbs.	...7.20
2 x 2 x 3	32 lbs.	...6.20	4 x 4 x 3	90 lbs.	...7.30
2 1/4 x 2 1/4 x 2 1/2	30 lbs.	...6.10	4 x 4 x 4	90 lbs.	...8.20
2 1/2 x 2 1/2 x 2 1/2	38 lbs.	...6.20			

10,000 to 24,000 less 10c per 1000; 25,000 to 50,000 less 15c per 1000.
We can supply bottoms for the above bands. Please write for prices.



PANSY BASKETS

Weight per 100	100	500	1000
1 qt., 12 lbs. ..	\$3.40	\$16.50	\$32.00
2 qt., 17 lbs. ..	3.80	18.50	36.00
3 qt., 20 lbs. ..	4.00	19.00	38.00

LIGHT WOOD FLATS

(Flats without bands)	1000
No. 000. Holds 12 2x2x3 in. bands	\$42.00
No. 0000. Holds 12 2 1/2 x 2 1/2 x 3 in. bands	46.00
No. X. Holds 6 3x3x3 in. bands	42.00

BIRD PERENNIAL POTS

A better perennial pot. Made of a tough material, with hard, smooth coating inside and out. Solid stapled bottom with openings for drainage.

Minimum order: Case of 200. Height, 5 in.; top diam., 8 in.; per case of 200, \$14.50.

BIRD'S VITA-BANDS

WHETHER you start your crop in Vita-Band "H", Vita-Band "D", which disintegrates in the soil, or Vita-Band "10", for the shorter growing periods, you can move whole flats at a time. Individual plants are easily removed from the flats for quick transplanting without shock.

BIRD GROWTH-STIMULATING PLANT BANDS

Bands Sold in Full Cartons Only. Price per Carton.

VITA-BAND 10

VITA-BAND 10 for short growing periods. Will usually contain root growth up to approximately 8 to 10 weeks. Nutrient-treated with quickly available plant food.

Price per Carton

Per Ctn.	Wt. lbs.	Price	Per Ctn.	Wt. lbs.	Price
1 1/2 x 1 1/2 x 2 1/2	2000 34	\$ 9.40	2 1/2 x 2 1/2 x 3	2000 65	...\$12.50
1 3/4 x 1 3/4 x 2 1/2	2000 40	10.00	3 x 3 x 3	1000 38	... 6.90
2 x 2 x 2 1/2	2000 43	10.50	4 x 4 x 3	1000 26	... 9.00
2 x 2 x 3	2000 52	11.50	4 x 4 x 4	500 34	... 5.65

VITA-BAND D

VITA-BAND D contains root growth until grower chooses to let root through Band. Only quick, slight pressure is needed to crack Band. Do not remove Vita-Band "D" when transplanting. Band disintegrates.

Price per Carton

Per Ctn.	Wt. lbs.	Price	Per Ctn.	Wt. lbs.	Price
1 1/2 x 1 1/2 x 2 1/2	2000 18	\$ 9.70	2 1/2 x 2 1/2 x 3	2000 35	...\$12.60
1 3/4 x 1 3/4 x 2 1/2	2000 21	10.30	3 x 3 x 3	2000 41	... 14.10
2 x 2 x 2 1/2	2000 23	10.70	4 x 4 x 3	1000 30	... 9.25
2 x 2 x 3	2000 28	12.10	4 x 4 x 4	1000 38	... 11.60

VITA-BAND H

VITA-BAND H is the new nutrient-treated successor that replaces Bird Vita-Band 40. Vita-Band "H" will control root growth of those plants which demand extra long growing periods.

Price per Carton

Per Ctn.	Wt. lbs.	Price	Per Ctn.	Wt. lbs.	Price
1 3/4 x 1 3/4 x 2 1/2	1000 28	\$6.10	3 x 3 x 3	1000 52	...\$8.50
2 x 2 x 2 1/2	1000 30	6.45	4 x 4 x 3	500 35	... 5.25
2 x 2 x 3	1000 36	7.55	4 x 4 x 4	500 46	... 6.45
2 1/2 x 2 1/2 x 3	1000 42	8.10			

TEKPAKS

Color—Dark Brown.



Sold in Full Cartons Only. Price per Thousand.

No.	Dimensions	Packed per Carton	1000-	5,000-	10,000-
55.	4 1/2 x 5 x 2 1/2	500	4,750	9,750	49,750
58.	5 x 8 x 2 1/2	250	\$41.00/M	\$37.00/M	\$35.00/M
583.	5 x 8 x 3	250	52.00/M	50.50/M	48.00/M
			62.80/M	60.00/M	56.00/M

BIRD TOM THUMB FLATS

Tom Thumb Flats are made of heavy water proof fibre resinous material. Use with Vita-Band "D" or Vita-Band "10". The most economical way to sell potted annuals in dozen lots. Potted plants sell easier at premium prices.

Tom Thumb Flats Hold one doz. 2x2x2 1/2" Vita-Band No. 10.



No. 2.	250 to carton.....	Per Carton
No. 10 VITA-BANDS		
2000 2x2x2 1/2 in. to carton, 23 lbs.		10.50

BIRD'S PAPER POTS

RED POTS for Shipping. Your plants will arrive in good condition and protect your reputation for shipping sturdy, healthy plants. They save packing time. Shipped to you set up and ready to use, these pots make shipping a simple one-step operation.

VITA-POTS. Grow and ship in the same pot—saves labor and leaves root ball undisturbed. Nutrient treatment, so successful in Vita-Band, has now been applied to this sturdy resinous pot. Reduces watering.



Sold in Units of 1000 Only

Size	Weight per Carton	Prices per 1000
2 1/4 -inch (2000 per carton)	24 lbs.	\$ 9.00 \$16.45
2 1/2 -inch (2000 per carton)	32 lbs.	9.10 17.05
3 -inch (2000 per carton)	44 lbs.	9.60 19.15
3 1/2 -inch (1000 per carton)	32 lbs.	12.80 28.25
4 -inch (1000 per carton)	42 lbs.	15.50 28.25
5 -inch (500 per carton)	33 lbs.	19.00

SUPPLIES FOR THE GROWER

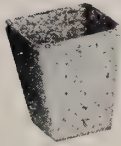
"CLOVERSET" POTS FOR PLANTS

Made of tough waterproof fiber fabric, asphalt-coated, similar to roofing. We do not break cartons.



	No. 0	No. 1	No. 2	No. 3	
Std. Pots	Top Dia.	Ht.	Per Carton	Wt. Per Carton	Per 1000
No. 0.	5 in.	5½ in.	200	48 lbs.	\$9.80 \$44.50
No. 1.	6 in.	6½ in.	100	34 lbs.	6.00 55.50
No. 2.	7 in.	9 in.	100	54 lbs.	7.00 64.50
No. 3.	8 in.	9 in.	100	55 lbs.	7.75 70.50
No. 4.	12 in.	12 in.	25	35 lbs.	8.75

THINLINE SQUARE JACK PEAT POTS



	Quantity	No. Pots per Carton	Approx. Wt. of Carton	Price per 1000
2 1/4 in.	2,500-17,500	2500	30 lbs.	\$ 7.50
	20,000-72,500			7.00
3 in.	1,000-9,000	1000	35 lbs.	14.50
	10,000-49,000			13.25
	50,000 and over			12.00



THINLINE ROUND

	Quantity	No. Pots per Carton	Approx. Wt. of Carton	Price per 1000
2 1/4 in.	2,500-17,500	2500	25 lbs.	\$ 7.00
	20,000-72,500			6.50
	75,000 and over			6.00

JACK PEAT POTS—SQUARE SIZES

Inside top dimension of pot	Number of pots	Number pots per Carton	Approx. Wt. of Carton	Price per 1000
1 3/4 in.	2,500 to 17,500	2500	30 lbs.	\$ 6.90
Diameter	20,000 to 70,000			6.40
2 1/4 in.	2,000 to 18,000	2000	40 lbs.	10.50
Diameter	20,000 to 74,000			9.75
3 in.	1,000 to 9,000	1000	40 lbs.	17.25
Diameter	10,000 to 49,000			16.00
	50,000 and over			14.75

JACK PEAT POTS—ROUND SIZES

Inside top dimension of pot	Quantity	No. Pots per Carton	Approx. Wt. of Carton	Price per 1000
2 1/4 in.	2,000-18,000	2000	30 lbs.	\$ 7.75
Diameter	20,000-74,000			7.25
	76,000 and over			6.75
3 in.	1,000-9,000	1000	24 lbs.	13.25
Diameter	10,000-49,000			12.25

PLANT TUB—RICHMOND STYLE

Strongly constructed of wood and held rigid with 3 steel wire straps. Painted green.

	Inside Top Diam.	Price Each
No. 2.	7 in.	\$2.05
No. 3.	8 in.	2.15
No. 4.	9 in.	2.45
No. 5.	10 in.	2.65
No. 7.	12 in.	3.15
No. 9.	14 in.	4.20
No. 11.	16 in.	5.25



BAMBOO CANE STAKES—JAPAN

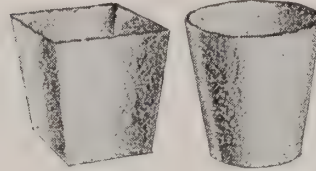
Green Dyed, Lead Pencil Thickness

	Bale		Bale
1 1/2 ft., 2000	\$ 7.50	3 1/2 ft., 2000	\$18.00
2 ft., 2000	9.50	4 ft., 2000	22.00
2 1/2 ft., 2000	11.50	5 ft., 1000	19.50
3 ft., 2000	14.00	6 ft., 500	15.00

HYACINTH STAKES

Pointed wood. Painted green.
1000 to bale.

12-inch, bale	\$5.00	18-inch, bale	\$7.75
15-inch, bale	6.00		



JIFFY-POTS

PRICES PREPAID on 150 lbs. or more.

No. 122. 2 1/4-in. Round. 2 1/4 in. deep. Most widely used size for florist and nursery.

3000 to 18,000 (3000, \$21.75)	\$7.25
21,000 to 72,000	6.75
75,000 up	6.25

Sold in cases of 3000. 35 lbs. per case. Minimum order 3000.

No. 130. 3-in. Round. 3 in. deep. For plants that make large root systems, require longer growing time or more space.

1500 to 9000 (1500, \$19.88)	\$13.25
10,500 to 49,500	12.25
51,000 up	11.00

Sold in cases of 1500. 35 lbs. per case. Minimum order 1500.

No. 222 2 1/4-in. Square. 2 1/4 in. deep.

2500 to 17,500 (2500, \$18.75)	\$8.00
20,000 to 72,500	7.35

Sold in cases of 2500. 35 lbs. per case. Minimum order 2500.

RESALE PACKAGES OF 2 1/4-IN. SIZE JIFFY

No.	Resale Pkg.	24 Pots per Resale Pkg.	24 pkgs. Per Case	Wgt. 10 lbs.	Dealer's Cost \$12.82	Resale per Pkg. 89c
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BALL MARKET-PAK

No. 42. 5 1/2 x 7 1/2 x 2 3/8 in. deep. Packed 200 per case—20 lbs. per case. Minimum order 200.

Quantity	Price per 1000
200-800	\$44.00
1000-9800	40.00

BALL HALF FLAT

Measuring 10 x 12 x 2 1/2 inches.

Quantity	Price per 1000
200-400 (200 for \$22.00)	\$110.00
600-4800	100.00

GERMACO HOTKAPS

Ideal Method of Plant Protection

Excellent to protect early plants or seeds against frost, rain, wind and insects. Maintain perfect mulch, promote sturdy growth, increase yield and bring crops to maturity 2 to 3 weeks earlier. Easy to set out; directions on package. Made of waxed paper.

Steel Hotkap Setters, each \$2.15; Fibreboard Setters, each 35c.



HOTKAPS

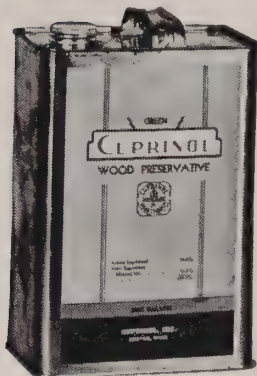
	Resale Price
24 Packages (20 Hotkaps to package) with paper setter	\$15.84 case \$1.10 pkg.
100 Hotkaps to package with paper setter	2.88 pkg. 4.80 pkg.
250 Hotkaps to package with paper setter	6.00 pkg. 7.95 pkg.
1000 in Carton	19.50 ctn. 23.80 ctn.
Fibreboard Setter	.17 each .25 each
Steel Setter	1.60 each 2.15 each

GARDEN SUPPLIES

SUPPLIES BY PARCEL POST ADD POSTAGE

APRONS—Greenhouse

RUBBER: Medium heavy, soft and pliable, yet tough and durable. 45 inches long. Each \$4.25.



CUPRINOL WOOD PRESERVATIVE

Cuprinol for Florists No. 14

Especially recommended for dipping and will result in a considerable saving to the grower in the protection of flats and stakes. In dipping the flats should be immersed in the liquid from 4 to 5 minutes. 5-gal. can, \$2.20 per gal.

CUPRINOL No. 10

For wood. Dyed green for use on exterior and interior surfaces. Stops rot, fungus and wood destroying insects. Covers approximately 400 sq. ft. to the gallon. Will not harm plants.

1 gal. per gal., \$3.50
5 gals. per gal., 3.30

CUPRINOL CLEAR No. 20

This grade is for use over stains or where surfaces are to be left a natural finish. Gal., \$3.50; 5 gals., \$16.50.

GOGGLES (Wilson)

WILSON MONO GOGGLES. Light weight goggle for protection of eyes while dusting or spraying. No. 97A, each \$2.40.

RESPIRATOR (Wilson)

Wilson respirator for protection in outside spraying of Parathion or Nicotine. Wilson Agri-Tox Respirator Model C, each \$5.25.

DUST TYPE RESPIRATOR

Wilson Dustite No. 25\$2.90

GREEN THUMB GLOVES

Vinyl treated, dirt repellent, washable. Small, medium, large.
Dealer Suggested
Cost Consumer
\$7.84 per doz. \$0.98 pair

SOFT TOUCH WOMEN'S GARDEN GLOVES

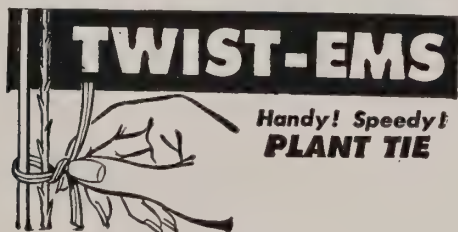
Only one size designed to fit any lady's hand from 5½ to 8. Blue, mint-green and yellow.
Dealer Suggested
Cost Consumer
\$7.05 per doz. \$0.89 pair

GRAFTING WAX

Use smooth straight scion wood of one season's growth. When scions are set, wax thoroughly. This wax may be used by placing in warm water until soft enough to work. ¼ lb., 50c; ½ lb., 90c.

PENCILS—WEATHERPROOF

For marking labels. Will not rub off or fade. Each 12c; doz., \$1.20.

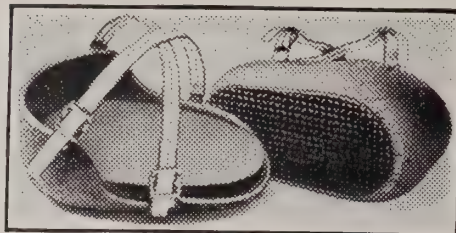


TWIST-EMS

Handy! Speedy!
PLANT TIE

Twist-Ems are dark green, strong tapes with wire reinforcing making that perfect plant tie. Simply put around the stem and support and twist.

Pkg. of 100 Twist-Ems (8 in.)\$0.29
Carton of 36 pkgs. Per carton 6.26
Pkg. of 100 Twist-Ems (16 in.)59
Carton of 36 pkgs. Per carton 12.31
250-ft. continuous roll, packed 12 to carton: \$7.20 per carton; \$1.00 per roll.



KNEE PADS

A practical, serviceable, comfort-giving knee cushion. Per pair, \$2.00.

LABELS



POT LABELS are ⅝ inch wide.

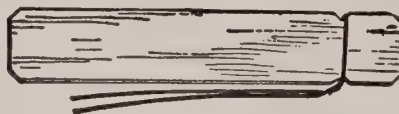
Size	Weight per Carton	Pounds Per carton	Prices per 1000 Plain	Painted
4-inch	4 lb.	3½	\$3.00	\$3.55
5-inch	5 lb.	4¾	3.20	3.80
6-inch	6 lb.	5½	3.50	4.30
8-inch	8 lb.	4	5.15	6.35
10-inch	6 lb.	5	6.15	7.45
12-inch	7 lb.	6	7.15	8.75

4", 5", 6", 1000 per carton; 8", 10", 12", 500 per carton. We do not break the cartons.

GARDEN LABELS

Size	Pounds per carton	Packed in cartons	Price per carton Plain	Painted
8x7½ inches 3 lb.	2¾	250	\$2.10	\$2.35
10x7½ inches 4 lb.	4	250	2.35	2.60
12x1½ inches 3 lb.	2	100	1.70	1.95

We do not break the cartons.



TREE LABELS Wired

Packed 1000 to carton. We do not break the cartons. Per 1000

Plain—Weight 4 lbs.\$3.55
Painted 4.35

STA-BRIGHT PLANT LABELS

ALUMINUM TREE LABELS. Wired, 3¾ inches long, ¼ inch wide. Made of light metal, mark with nail or steel point. 25 for 35c; 100 for \$1.35; 1000 for \$11.50.

MARKIT PLANT MARKERS

Plastic plant marker. Durable, weatherproof; for marking seed flats and plants. 25 markers to box, \$1.25.

SHEET MOSS

Sheet Moss green for lining hanging baskets. 5-lb. box, \$2.25; 10-lb. box, \$4.25; 20-lb. box, \$8.00.

SPHAGNUM MOSS

Carefully selected. Finest quality. Free from sticks and other refuse. Gathered from the finest swamps.

Weight per bale, approximately 20 lbs.
Per bale\$ 2.50
10 bales 24.00

"NODAMPOFF" SPHAGNUM

"Nodamoff" Horticultural Milled Sphagnum Moss is highly successful in germinating and growing seeds and plants. "Nodamoff" is invaluable for rooting cuttings; does exceedingly well when mixed with equal parts of sand. Pkg., about 5 qts., \$1.10; 12 bags per case, \$10.68.



"NODAMPOFF" COMMERCIAL UNIT

For seed germination. Contains about 2 bu. in volume. Shipping weight, 7 lbs. \$3.75 per sack.

GARDEN SUPPLIES

BY PARCEL POST ADD POSTAGE

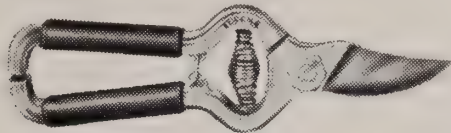
PRUNING SHEARS



IMPORTED GERMAN PRUNING SHEARS

Once again these high grade German shears are available.

No. 84. 7 in. Finest quality	Each	6
No. 84. 8 in.	\$3.00	\$15.50
No. 84. 9 in.	3.25	18.00
	3.50	19.50



PROFESSIONAL HAND PRUNER Corona-Rieser Pattern

No. 80. Made of the finest steel, 8 inches long, for trimming shrubs and trees. Each \$4.50.



SLICE CUT SHEAR

No. 89-A. Fits the hand like a glove—natural curvature prevents slipping of hand. Highest quality carbon steel. Each \$2.60.



CORONA CLIPPER

A very handy workroom shear. New, heavy duty style especially designed for the florist.

No. 21-S. Straight blade. Each \$2.60.



CORONA GRASS SHEAR

No. 5. Alloy steel, the finest cutlery steel available, is used throughout its construction. It's a light weight shear, beautifully finished and polished. Each \$2.95.



CORONA HEDGE SHEAR

The outstanding hedge shear. Meets the highest requirements demanded by professional users. 8-inch blade. Each \$4.25.



CORONA LOPPING SHEARS

Cutting blade hollow ground of finest steel. Handles of selected No. 1 Hickory. 26 inches overall. Each \$5.50.

ASPARAGUS KNIVES or WEEDER

V-shape blade, polished. Can be used as a weeder. Each 90c.

GARDEN TROWELS

STAINLESS STEEL GARDEN TROWEL. The finest trowel made. Forged from highest quality steel and highly tempered. Width 3 inches, depth 4 inches, handle 5 inches. Each \$1.50.

No. 222 STRAWBERRY TROWEL. For transplanting plants. 5½-inch blade and shank made in one piece. Each 45c.

No. 217 TRANSPLANTING TROWEL. The 6-inch blade is narrow and curved. Each 55c.

No. 300 SPADING FORK (3 Tines). Steel tines on lacquered red polished hardwood handle, length 11 inches. Each 90c.

IDEAL WEEDERS

Peculiar shape permits a wide range of work. Each 90c.



MAGIC WEEDER—SPRING TOOTH

One of the most popular garden tools. Light in weight, comfortable handle. Has unique device for bringing tines closer together so that weeding can be done between more closely spaced plants. Each

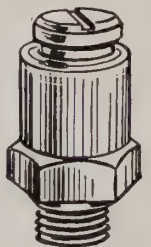
Style C. 5½-in. wood handle\$0.35

Style B. 18 -in. wood handle50

SKINNER SYSTEM NOZZLES

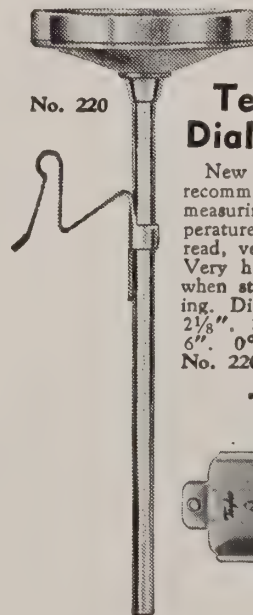
Silver Stream. Famous nozzle for outdoor use.

SS Silver Stream	Each	\$0.11
ST Short Throw		.22
ST 50 Degrees		.22
ST 80 Degrees		.22
Superior Greenhouse Nozzles		.55
Skinner Drill Bits		2.25
Humidifying Nozzle		1.35
Skinner Brass Coupling. ¾ in.		2.50
Skinner Brass Coupling. 1 in.		3.25



Superior

SOIL THERMOMETER

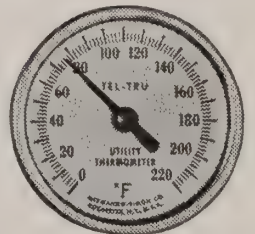


No. 220

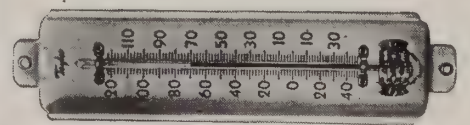
Tel-Tru Dial Stem

New type, highly recommended for measuring soil temperatures. Easy to read, very accurate. Very handy to use when steam sterilizing. Dial diameter, 2½". Stem length 6". 0° to 220°.

No. 220. Each\$3.50



THERMOMETERS



No. 5132

Outdoor Wall Thermometer

No. 5132. Has 7 in. vitreous enameled scale with flanged sides. Magnifying lens tube with non-fading red liquid. Each \$1.75.

Wall Thermometer

No. 5140. Magnifying lens tube with non-fading red liquid. Range suitable for outdoors. Ivory finished scale and grey finished wood back. Each \$1.00.

GARDEN SUPPLIES

SUPPLIES BY PARCEL POST ADD POSTAGE

GOODYEAR RUBBER GARDEN HOSE

We consider this the finest garden hose money can buy. Full, smooth, tough inner tube, reinforced with two braids of heavy rayon cord. Outer cover is attractive green.

Goodyear Emerald Cord, 50-ft. length $\frac{3}{4}$ in. with brass couplings, \$19.75.

Goodyear Pathfinder, $\frac{3}{8}$ in., single braid of heavy rayon cord, 50-ft. length with brass couplings, \$8.95.



CLINCHER HOSE MENDERS
 $\frac{1}{2}$ in., $\frac{3}{8}$ in., $\frac{3}{4}$ in.
Each 25c; doz., \$2.75.

CLINCHER HOSE COUPLINGS
 $\frac{1}{2}$ in., $\frac{3}{8}$ in., $\frac{3}{4}$ in.
Each 50c; doz., \$5.75.

No. 12 SCOTCH ROSE SPRAY

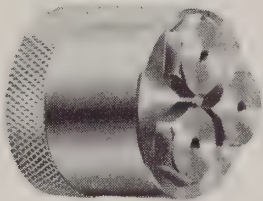
Gives the same fan-like spray as the No. 10 Rose, but smaller in size with an oval face. The body is drawn from sheet brass with face seam. No. 12, each \$1.15.



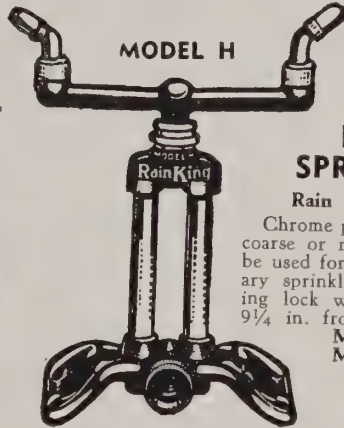
HOSE WASHERS Rubber

$\frac{3}{4}$ in., 15c per doz.; 1 in., 20c per doz.

FOGG-IT-NOZZLE



This fog spray will lay a dew on young plants. It breaks the water into a fine fog. \$1.85 each.



LAWN SPRINKLERS

Rain King Sprinkler

Chrome plated. Adjustable for coarse or medium shower. Can be used for revolving or stationary sprinkling by simply turning lock wheel. 11 $\frac{1}{4}$ in. tall; 9 $\frac{1}{4}$ in. from nozzle to nozzle.

Model H\$8.75
Model K 9.75



ROSE SPRAY HEADS

No. 14. ROUND NOZZLE SPRAY. All brass, distributes water evenly; $\frac{3}{4}$ -inch connection. 75c each.

WATER BREAKERS

ADVANCE water breaker has 41 drilled holes. Delivers an even spray. Fits $\frac{3}{4}$ -in. hose connection. Each \$2.10.

No. 400 DRAMM.

Gives a large volume of water with very little pressure. This breaker is the answer to the florist's problem for an all-purpose watering gadget. Fits $\frac{3}{4}$ in. coupling. Price each, \$1.50.



Scollay's Florists' Sprinkler

None better for floral work. Beware of cheap imitations. Made of best quality of rubber and will outwear any other sprinkler on the market. Price, \$1.75.



SMITH BRONX SPRAYER

Unexcelled for spraying plants in the home. Sprayer made entirely of brass, nickel-plated. Sprayer screws to glass bottle. Easy pump stroke up and down. Bronx Bottle Sprayer, qt. size, \$2.15.



FLAT SPRAY

Sprinkler No. 10

Cast brass. Each\$1.35

EROSIONET

250-yard Roll	Width 45 in.
Weight 105 lbs.	Per Yd. 24c
	Per Roll \$36.75

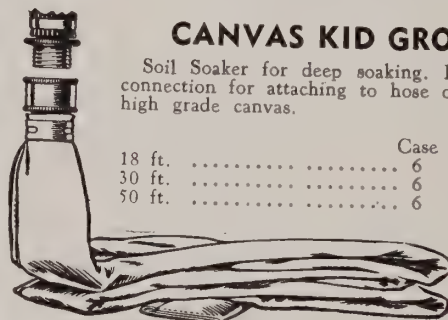
For use with the 400 Water Breaker. Aluminum $\frac{3}{4}$ in. hose connection.

	Each
With Rubber Grip, 14 in.	\$1.50
With Rubber Grip, 24 in.	1.75
With Rubber Grip, 36 in.	2.35

CANVAS KID GROUND SOAKER

Soil Soaker for deep soaking. Equipped with regular hose connection for attaching to hose or pipe. Made from sturdy, high grade canvas.

	Case	Dealer Cost	Suggested Consumer
18 ft.	6	\$10.45	\$2.35 each
30 ft.	6	12.06	3.49 each
50 ft.	6	19.95	4.98 each



VISQUEEN FILM

Plastic film recommended for covering when using MC-2. Visqueen Film is light and easy to handle. Also used for insulation barrier in green-houses.

	Per Roll
2 Mil Visqueen Film	\$ 6.50
4 ft. 2 in. x 200 ft.	13.00
8 ft. 4 in. x 200 ft.	
4 ft. x 100 ft.	4 Mil \$ 5.25
6 ft. x 100 ft.	7.87
8 ft. x 100 ft.	10.50
10 ft. x 100 ft.	13.12
12 ft. x 100 ft.	15.75
14 ft. x 100 ft.	18.39
6 Mil	
16 ft. x 100 ft.	\$20.99
20 ft. x 100 ft.	26.26
24 ft. x 100 ft.	31.51
28 ft. x 100 ft.	36.76
32 ft. x 100 ft.	42.00
6 Mil	
20 ft. x 100 ft.	\$31.51
24 ft. x 100 ft.	39.38
28 ft. x 100 ft.	47.25
32 ft. x 100 ft.	55.13
6 Mil	
20 ft. x 100 ft.	\$63.00



ANDREWS Plastic HOSE SPRINKLER

30 FT. WEIGH LESS THAN 1 LB.
COPYRIGHT 1953, A. M. ANDREWS CO.

Andrews Plastic Hose Sprinkler

Because it is 2 tubes of lightweight plastic the Andrews Sprinkler will sprinkle 2 ways or only 1 way. The spray is gentle as an April shower, so fine it will not harm the most delicate flowers.

	Dealer Cost	Suggested Consumer
20 ft.	\$1.66 each	\$2.49 each
30 ft.	2.33 each	3.65 each
50 ft.	3.16 each	4.98 each
100 ft.	4.39 each	9.75 each

A. H. HUMMERT SEED CO.

Phone: PProspect 1-0646

2738-48 Chouteau Ave.

St. Louis 3, Mo.

Half Block from Wholesale Flower Market

The World's Finest

F₁ HYBRID

PETUNIAS

BY

PAN AMERICAN SEEDS, INC.

GLORIOUS MIXTURE

½ tr. pkt., \$2.25; tr. pkt., \$4.00; 1/128 oz., \$7.60; 1/64 oz., \$14.45



CAPRICE

Bright Rose

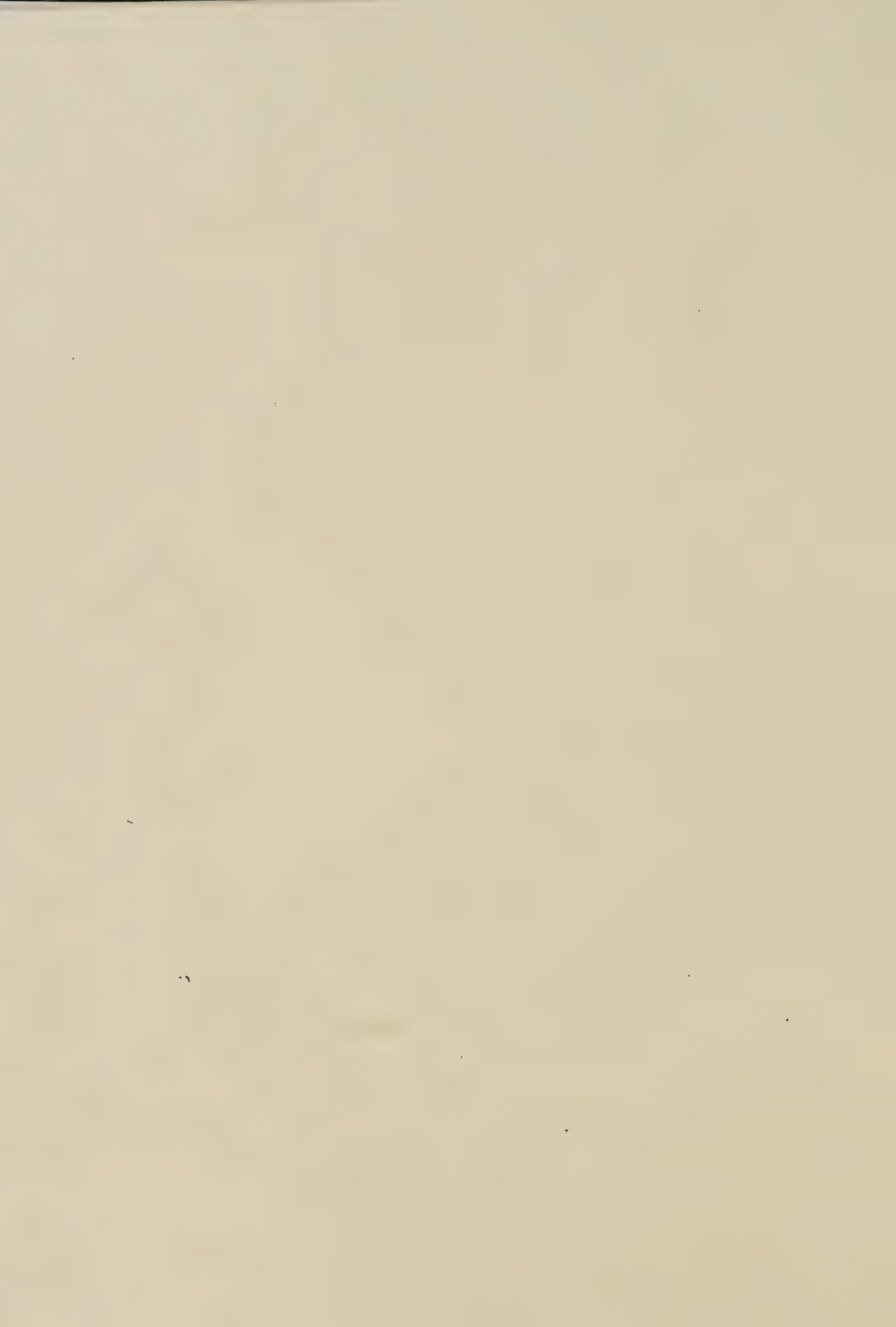
*Only the Best
in the Famous
All Double Petunias*



SONATA	Pure White
NEW COLOR	Salmon & White Variegated
RHAPSODY	Burgundy Wine-Purple
NOCTURNE	Midnight Violet-Purple
MINUET	Orchid-Lavender
ALLEGRO	Bright Salmon
PRESTO	Rose & White

Double Petunias are among your
most versatile spring plants.

Prices above each: ½ tr. pkt., \$2.75; tr. pkt., \$4.50; 1/128 oz., \$8.50; 1/64 oz., \$16.00; 1/32 oz., \$29.50.



A. H. HUMMERT SEED CO. *Presents . . .*



SABRE DANCE

•
Bright
Crimson & White

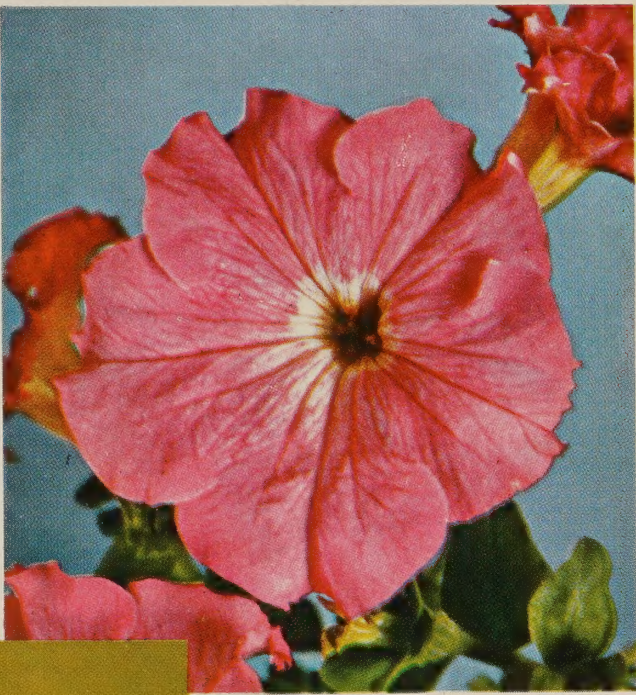
•
Star Pattern

•
NEW!
STRIKING!

MAYTIME

•
A. A. Winner
1958

•
Clear, Light
Salmon-Pink



LA PALOMA

•
Pure White
Yellow Throat.

BALLERINA

•
First A.A.
Winner

•
Soft, Glowing
Salmon.

•
A perennial
Best Seller.



BLUE LACE

•
Ruffled and Fringed
•
Delicate Dark Veins



**TOP TEN
GRANDIFLORAS**

**F₁ HYBRID VARIETIES
LARGE SINGLE GRANDIFLORA
Average height 10-12 inches**

F₁ Hybrid Petunia is seed saved from an artificial cross of 2 specially selected parents—both impart special qualities to the cross and together produce an amazing degree of vigor.

PRICE ON 10 GRANDIFLORA

½ tr. pkt., \$1.35; tr. pkt., \$2.50; 1/128 oz., \$4.50;
1/64 oz., \$8.00; 1/32 oz., \$15.50; 1/16 oz., \$30.00.



PRIMA DONNA

•
Bright Rose Pink

•
The only A.A. Winner
in this color class.



TOREADOR

•
Bright
Velvety-Deep
Crimson-Red

CRUSADER

•
Striped
Rose Pink
on White.
•
Very Popular.



TANGO

•
Lovely, warm
Scarlet-Salmon.
•
Better than ever.

BLUE MAGIC

•
Medium
Deep Violet
Blue.
•
Rich as Velvet.



GROW THESE MULTIFLORA F₁ HYBRID PETUNIAS

Bred and Developed by
PAN AMERICAN SEEDS, INC.

PETUNIAS, F₁ HYBRID MULTIFLORA

The Vigorous, Colorful "Redskin" Series

Very free-flowering plants, dwarf and compact.

Aztec. Brilliant scarlet with gold throat.

Comanche. A brilliant scarlet-crimson.

Comet. Bright warm crimson with a perfect white star. Far superior to anything yet offered in this class.

Inca. Bright deep cerise-rose—about the color of Apache but with a lively, contrasting golden throat.

Linda. Brilliant rosy salmon flowers are carried on bushy, solid plants of great vigor.

Mercury. A fine light blue.



COMANCHE All-America Winner

Scarlet-Red

Most Popular of all Petunias

PETUNIAS, F₁ HYBRID MULTIFLORA

The Vigorous, Colorful "Redskin" Series

Very free-flowering plants, dwarf and compact.

Paleface. Without question the most vigorous and extremely free flowering white bedding Petunia.

Rose Charm. Rich, brilliant rose, wonderfully vigorous, free branching and flowering.

Sugar Plum. An outstanding novelty.

Venus. Bright rose-pink. Habit of growth is dwarf, compact and spreading.

Multiflora Pow Wow Mixed. A well balanced formula mixture of above varieties.

PRICE OF THE 11 MULTIFLORA VARIETIES ON THIS PAGE

Each: ½ tr. pkt., \$1.00; tr. pkt., \$1.75; 1/128 oz., \$3.50; 1/64 oz., \$6.50; 1/32 oz., \$11.70; 1/16 oz., \$20.00.



SUGAR PLUM - NEW!
DIFFERENT!



MERCURY - The blue you have
been waiting for.

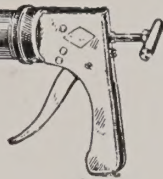
GARDEN SUPPLIES

SUPPLIES BY PARCEL POST ADD POSTAGE

GLAZING GUN

Best for liquid putty.

No. 32. 32 Cubic Inch, 10-in. Barrel ..\$5.00
No. 45. 45 Cubic Inch, 14-in. Barrel .. 7.50



GREENHOUSE PUTTY

Master Mastics—Master Filler

Gun Grade. A superior grade which will not dry out or crumble. Seals tight, remains soft and pliable. Gal., \$4.05; 5-gal. can, \$19.75.

MASTER SEAL-IT

Sealer, filler and paint all in one. Gal., \$7.05; 5 gals., \$34.75.

PERMA-GLAZE PUTTY

Gun GradeGal. \$3.10; 5 gals., \$15.00.

WHITE PAINT

MASTER MASTICS BAR WHITE PAINT

Gal., \$5.05; 5 gal., \$24.75.

SHADING FOR GREENHOUSES

GREENHOUSE WHITE SHADING

50-lb. bag, sufficient for 600 to 700 sq. ft., \$15.00.

NATIONAL GLASS SHADING

Powdered form ready to mix. 25 lbs. covers 1,000 sq. ft.
100-lb. drum, \$15.50.

GLAZING POINTS—Straight GALVANIZED WIRE BRADS

Easy to drive and made so they will not wedge or crack the glass in driving. Easy to drive with a chisel.

Wire Brads, 5/8-inch, 1-lb. boxes\$0.70

GLASS CUTTERS

Fletcher's Bronze Bearing, 35c each; doz., \$3.50.

GLAZING CHISEL

For applying glazing bands. Each \$3.75.

TWINE

COTTON TWINE—Very Best Grade

In balls, 3-ply; 5-lb. bag\$4.15
In balls, 4-ply; 5-lb. bag 4.15

TWINES ON CONES

Cotton Twine. 3 or 4 ply. White. In 2 1/2-lb. cones, \$2.10;
5 cones, \$10.00.

SEA ISLAND TWINE

Used for wrapping small packages. Also for sprays and design work. Blue, red, pink, lemon, orange, purple, red and white, blue and white, in 2-lb. cones, at \$2.60.

JUTE TOMATO TWINE

2-ply, 1/2-lb. balls, best grade. 40c per ball; 10 balls, \$3.50.

BINDER AND SISAL TWINE

(For Tying Boxes, Cartons)

Binder Twine, 8-lb. ball, \$2.25; 48-lb. bale\$12.00
Sisal Twine, 2-ply, 5-lb. ball 2.25

TRI-SODIUM PHOSPHATE

Used for washing and cleaning out sprayers. Be sure to rinse thoroughly to avoid corrosion of the metal. Use 2 tablespoons to 1 gallon of water, or 3 lbs., to 100 gallons of water.

5 lbs.\$1.25 25 lbs.\$3.50
10 lbs. 2.00 50 lbs. 5.00

WEATHEPROOF PENCILS

For marking labels. Will not rub off or fade. Each 12c; doz., \$1.20.

SEED SOWERS

Very popular and extensively used. The bag holds about 1/2 bushel of seed. It is easily operated.

Cyclone Seeders, standard \$4.75
Tin Horn Seeders, each .. 2.25



ANTROL LEAF SHINE AEROSOL

5 ozs., \$0.00 12 for \$6.40

FRUIT PICKER

Wire basket made to attach long handle. Each 95c; mail \$1.25 each.

PEARL CHIPS

PEARL CHIPS, White. For growing bulbs in bowls. 10 lbs., 75c; \$4.50 per 100 lbs.

PEARL CHIPS, Colored. 10 lbs., 90c; \$5.50 per 100 lbs.

RAFFIA

Finest grade West Coast Majunga. Natural finest imported.
1 lb.\$1.00 5 lbs.\$4.50

SIMPLEX SOIL TEST OUTFIT

Complete instruction book, directions and charts included. All packed in a strong metal box. The Junior, \$33.50 complete.

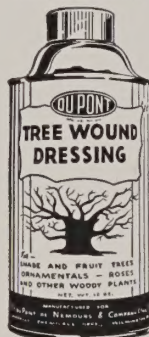
SUDBURY SOIL TEST KIT

	Number to Case	Dealer Cost	Suggested Consumer
Model D	12	\$2.65 each	\$3.98 each

For analyzing soil for nitrogen, phosphorus, potash and acidity.

SOILTEX

	Number to Case	Dealer Cost	Carton each	Suggested Consumer
An accurate test for soil reaction.	12	12.00	each	1.50 each



TREE WOUND DRESSING—HAMMONDS

	Half Pint	Pint	Quart	Gallon	24	12	12	4	\$14.40 case	\$13.20 case	\$19.60 case	\$21.34 case	\$0.90 each	1.65 each	2.45 each	8.00 each

DU PONT TREE WOUND DRESSING

Du Pont Tree Wound Dressing comes in a handy pressurized can for easy application.

	Dealers Case	Consumers Each
1 doz. 12-oz. cans (Aerosol)	\$14.15	\$1.89

TUTTLE'S TREE WRAP

	In rolls 3 in. wide, 50 ft. long.	Dealer Cost	Suggested Consumer
Display ctn.	12	\$3.92 case	.49 each

TREE WRAP

	Duplex creped paper, 4 inches wide, 150 feet long. Weight 2 1/2 lbs. per roll.	Dealer Cost	Suggested Consumer
10 rolls		\$7.50	per roll \$0.95 each

FRANCIS WALL NAILS

	Lead heads. 20 asst. nails per box.	Display ctn. of	66.00 case	.75 each
		12		

WAYWARD VINE SUPPORT

For training Ivy and other vines on brick and stone. Red and grey. Each box contains 25 supports, cement.

	Box	12	Dealer Cost	Suggested Consumer
			\$8.00 case	\$1.00 each

Selected . . .

VEGETABLE SEEDS

Pages 1 to 7



Tomato, Rutgers Certified
See Page 7

A. H. HUMMERT SEED CO.

2746 - 48 Chouteau Ave.

Phone: PROspect 1-0646

St. Louis 3, Missouri